

TO: Distribution

MSB-88

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SUBJECT: Standard Service System, P11, Maintenance Tools, Author Maintained
and Development Libraries

The information in this MSB is up to date at the time of publication. Users who wish current data on a segment or include file should issue the following command:

```
msl_info segname >ldd>am>u>MSL
```

where:

segname

is the segment or include file, minus the .lang or .incl suffix.
The output produced corresponds to section 2 of this MSB.

The information below is divided into 2 sections:

- 1) a general description of the standard service system, development system, tools system, and author maintained hierarchy, followed by listings of the object archives in those libraries.
- 2) a Multics Segment List of all segments and include files, with the exception of Version Two P11 and Fortran compiler components, which do not appear in the Multics Segment List.

I. General Description

A. Standard Service System

The directory >library_dir_dir>standard_service_system (abbreviated as >ldd>sss) is the "root node" for the standard service system hierarchy. It contains several directories with subsets of the standard service system. Users are interested in:

<u>directory path name</u>	<u>abbreviation</u>	<u>contents</u>
>ldd>sss>source	>ldd>sss>s	archive files of all source by first letter.
>ldd>sss>bound_components	>ldd>sss>bc	archive files of all components of bound segments and archive bind maos.

B. Development System

The directory >library_dir_dir>development (abbreviated as >ldd>dev) is the "root node" for the Development system libraries. The Development libraries contain commands and subroutines which are not up to Standard Service System standards. This root node contains several directories with subsets of the Development library. Users are interested in:

<u>directory path name</u>	<u>abbreviation</u>	<u>contents</u>
>ldd>dev>source	>ldd>dev>s	archive files of all source by first letter.
>ldd>dev>bound_components	>ldd>dev>bc	archive files of all components of bound segments and archive bind maps.

C. Maintenance Tools System

The directory >library_dir_dir>tools (abbreviated as (>ldd>t) is the "root node" for the maintenance tools hierarchy. The Tools library normally contains commands and subroutines which are used by the Multics system programmers. It contains several directories with subsets of the maintenance tools. Users are interested in:

<u>directory path name</u>	<u>abbreviation</u>	<u>contents</u>
>ldd>t>source	>ldd>t>s	archive files of all source by first letter.
>ldd>t>bound_components	>ldd>t>bc	archive files of all components of bound segments and archive bind maos.

D. Author Maintained System

The directory >library_dir_dir>author_maintained_prog_lang (abbreviated as >ldd>am or >ldd>cs) is the "root node" for the author maintained system libraries. Commands and subroutines donated by Multics users are contained in this library system. It contains several directories with subsets of the author maintained system libraries. Users are interested in:

directory path name	abbreviation	contents
>ldd>am>source	>ldd>am>s	archive files of all source by first letter.
>ldd>am>bound_components	>ldd>am>bc	archive files of all object of components of bound segments and archive bind maps.

```
ls -o >|dd>sss>bc -dtm
```

```
Segments= 14, Records= 161.
```

01/30/73	1356.6	rewa	25	bind_maps.archive
01/30/73	1356.6	rewa	3	bound_active_fnc_.archive
01/23/73	1603.7	rewa	12	bound_fscom2_.archive
01/18/73	1240.0	rewa	4	bound_nstd_.archive
01/16/73	1311.0	rewa	10	bound_ti_term_.archive
01/09/73	1542.4	rewa	14	bound_sss_util_.archive
12/19/72	1324.7	rewa	22	bound_full_co_.archive
12/13/72	1554.2	rewa	5	bound_lss_.archive
12/12/72	1451.3	rewa	9	bound_fscom1_.archive
12/06/72	1336.6	rewa	15	bound_math_.archive
11/22/72	1527.5	rewa	5	bound_access_commands_.archive
10/12/72	1117.7	rewa	7	bound_io_commands_.archive
10/03/72	1438.5	rewa	12	bound_archive_.archive
11/23/70	1627.4	rewa	18	bound_sss_debug_.archive

ls -p >|dd>dev>bc -dtm

Segments= 24, Records= 331.

01/26/73	1229.3	rewa	8	bound_qedx_.archive
01/26/73	1227.9	rewa	36	bind_maps.archive
01/26/73	1204.6	rewa	9	bound_dartmouth_basic_.archive
01/26/73	1200.1	rewa	24	bound_dartmouth_sim_.archive
01/23/73	1103.4	rewa	24	bound_debug_.archive
01/19/73	1126.4	rewa	23	bound_binder_.archive
01/15/73	1258.4	rewa	10	bound_mseg_.archive
01/05/73	1653.6	rewa	21	bound_misc_commands_.archive
12/21/72	1645.9	rewa	4	bound_calc_.archive
12/21/72	1637.4	rewa	13	bound_graphics_.archive
12/21/72	1427.2	rewa	4	bound_lsm_.archive
12/21/72	1422.0	rewa	2	bound_metering_.archive
12/15/72	1419.7	rewa	44	bound_alm_.archive
11/29/72	1500.0	rewa	9	bound_absentee_com_.archive
11/10/72	1239.2	rewa	20	bound_lisp_.archive
10/30/72	1336.7	rewa	8	bound_trace_stack_.archive
10/24/72	1256.1	rewa	16	bound_proj_admin_.archive
10/02/72	1101.9	rewa	8	bound_user_network_.archive
09/15/72	1623.4	rewa	5	bound_peruse_text_.archive
08/30/72	1311.0	rewa	3	bound_search_rules_.archive
08/18/72	1103.4	rewa	16	bound_runoff_.archive
08/18/72	1019.6	rewa	7	bound_bcpl_library_.archive
03/14/72	1231.2	rewa	15	bound_liso_compiler_.archive
12/29/71	1117.2	rewa	2	bound_broadcaster_.archive

ls -o >|dd>t>bc -dtm

Segments= 30, Records= 503.

01/30/73	1333.1	rewa	11	bound_submission_test_.archive
01/30/73	1328.6	rewa	46	bind_maps.archive
01/26/73	1427.5	rewa	6	bound_ck_progs_.archive
01/25/73	1353.5	rewa	13	bound_io_daemon_.archive
01/23/73	1614.4	rewa	28	bound_misc_metering_.archive
01/12/73	1443.3	rewa	8	bound_misc_translatrs_.archive
01/11/73	1403.3	rewa	12	bound_msl_.archive
01/11/73	1105.5	rewa	33	bound_lib_utility_.archive
01/11/73	1046.1	rewa	43	bound_admin_tools_.archive
01/11/73	1045.0	rewa	5	bound_deh_test_.archive
01/11/73	1036.6	rewa	9	bound_mseg_commands_.archive
01/11/73	1028.7	rewa	11	bound_updater_.archive
01/11/73	1023.5	rewa	11	bound_dumper_.archive
01/11/73	1018.1	rewa	4	bound_hardcore_db_.archive
01/11/73	1001.8	rewa	13	bound_listing_tape_.archive
01/04/73	1719.0	rewa	46	bound_admin_routines_.archive
12/20/72	1426.4	rewa	7	bound_spg_.archive
12/04/72	1347.9	rewa	57	bound_user_control_.archive
11/21/72	1255.0	rewa	17	bound_network_logger_.archive
10/24/72	1205.6	rewa	22	bound_admin_old_.archive
10/24/72	1142.2	rewa	13	bound_admin_billing_.archive
07/28/72	1551.3	rewa	10	bound_dartmouth_tools_.archive
06/22/72	1200.0	rewa	7	bound_crossref_.archive
06/19/72	1348.1	rewa	6	bound_csa_line_.archive
05/23/72	1333.1	rewa	7	bound_od_.archive
04/11/72	0949.2	rewa	9	bound_gm_.archive
04/06/72	1445.0	rewa	32	bound_bcol_.archive
03/16/72	1345.8	rewa	12	bound_card_io_.archive
02/03/72	1424.7	rewa	3	bound_checker_.archive
12/07/71	1710.0	rewa	2	bound_force_detach_.archive

ls -o >|dd>am>bc -dtm

Segments= 13, Records= 194.

01/29/73	1608.9	rewa	13	bind_maps.archive
01/29/73	1602.6	rewa	8	bound_consultant_.archive
11/07/72	1539.2	rewa	22	bound_simpl_rt_.archive
11/07/72	1535.8	rewa	11	bound_simpl_sm_.archive
11/07/72	1535.4	rewa	16	bound_simpl_tr_.archive
09/14/72	1231.9	rewa	5	bound_blip_.archive
05/05/72	1129.3	rewa	8	bound_teco_.archive
01/20/72	1454.0	rewa	2	bound_carry_.archive
10/18/71	1217.5	rewa	20	bound_gasp_.archive
05/24/71	1057.7	rewa	53	bound_uncl_.archive
				bound_uncl_1_.archive
05/17/71	1200.0	rewa	16	bound_uncl_2_.archive
12/17/70	1331.1	rewa	6	bound_bcpl_library_.archive
11/13/70	1312.3	rewa	14	bound_qed.archive

II. Multics Segment List

Segments and include files are itemized in the next listing as follows:

Column 1: segment name or include file name
Column 2: source type where

symbol	actual
e	epl
eb	epbsa
al	alm
pl	pl1
et	et
bc	bcpl
ft	fortran
oc	loc
tx	direct text
le	incl.epl
lb	incl.bcpl
lp	incl.pl1
la	incl.epbsa
il	incl.alm
lc	incl.loc
bd	bound

Note that all "tx" types are archived with secondary name "table".

Column 3: date object was installed
Column 4: bound segment it is a component of
Column 5: pathname of source, archive, or include file


```
645001 ip 120771 bound_simpl_rt_
645002 ip 120170 bound_simpl_sm_
645003 ie 092569 bound_uncl_
645004 ie 092569 bound_uncl_
645005 ip 071671 bound_uncl_
645006 ie 092569 bound_uncl_
645007 ip 082670 bound_uncl_
645008 ie 092569 bound_uncl_
645009 ip 052270 bound_uncl_
64500a ie 101069 bound_pl1_semant_1_
64500b ie 092569 bound_uncl_
SIO pl 060872 bound_uncl_
SM pl 110772 bound_uncl_
TL pl 051771 bound_uncl_
UNCL_common ip 051771 bound_uncl_
UNCL_length pl 051771 bound_uncl_
UNCL_listen pl 051771 bound_uncl_
UNCL_subst- pl 051771 bound_uncl_
UNCL_where pl 052471 bound_pl1_semant_1_
abrev pl 072072 bound_uncl_
abort_semantics pl 112670 bound_uncl_
abs_bIf pl 051771 bound_uncl_
abs_message_format ip 061272 bound_full_cp_
abs_user_tab ip 081172 bound_full_cp_
absentee_dim_ al 092872 bound_user_control_
absentee_dim_util_ pl 092872 bound_user_control_
absentee_user_manager_ pl 112772 bound_pl1_semant_1_
absentee_utility_ pl 092972 bound_admin_routines_
access_descriptors pl 112670 bound_admin_old_
accounts_overseer_ pl 121272 bound_user_control_
acct_print pl 102472 bound_admin_routines_
acct_start_up.ec ip 081171 bound_uncl_
acctbl pl 112772 bound_user_control_
act_ctl_ pl 051771 bound_uncl_
add_op ip 082670 bound_misc_commands_
adres pl 072371 bound_misc_commands_
adjust_bit_count pl 112472 bound_admin_
adjust_bit_count_ pl 102472 bound_user_control_
adjust_cutoff_ pl 011173 bound_admin_routines_
admin pl 112772 bound_admin_routines_
admin.ec pl 121272 bound_admin_routines_
admin_util_ pl 121272
```

```
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> am>s>a1
> | dd> am>s>a1
> | dd> am>s>a1
> | dd> include
> | dd> am>s>a1
> | dd> am>s>a1
> | dd> am>s>a1
> | dd> am>s>a1
> | dd> am>s>a1
> | dd> dev>s>a1
> | dd> pl1>source>a1
> | dd> am>s>a2
> | dd> include
> | dd> include
> | dd> sss>s>a1
> | dd> sss>s>a2
> | dd> t>s>a1
> | dd> t>s>a3
> | dd> pl1>source>a1
> | dd> t>s>a3
> | dd> t>s>a4
> | dd> include
> | dd> t>s>a1
> | dd> am>s>a1
> | dd> include
> | dd> dev>s>a2
> | dd> dev>s>a2
> | dd> dev>s>a2
> | dd> t>s>a2
> | dd> t>s>a2
> | dd> t>s>a3
> | dd> t>s>a3
> | dd> t>s>a3
> | dd> t>s>a3
> | dd> t>s>a3
```

alarm_clock_meters	pl 112472	bound_misc_metering_	> dd>t>s>a4
all	pl 120371		> dd>am>s>a2
allaccess	pl 032372		> dd>am>s>a1
alm	pl 081872	bound_alm_	> dd>dev>s>a1
alm_cross_reference_	pl 120172	bound_alm_	> dd>dev>s>a2
alm_definitions_	pl 081872	bound_alm_	> dd>dev>s>a1
alm_include_file_	pl 081872	bound_alm_	> dd>dev>s>a2
alm_include_file_info	ip 081872		> dd>include
alm_lc	ip 081872		> dd>include
alm_list_beads	ip 081872		> dd>include
alm_options	ip 081872		> dd>include
alm_prototypes	ip 081872		> dd>include
alm_relocation_bits	ip 081872		> dd>include
alm_source_map_	pl 081872	bound_alm_	> dd>dev>s>a2
alm_xref_nodes	ip 081872		> dd>include
amax	ft 101871	bound_gasp_	> dd>am>s>a2
amin	ft 101871	bound_gasp_	> dd>am>s>a2
andstr_	eb 112770		> dd>t>s>a1
anstbl	ip 112772		> dd>include
answer	pl 112472	bound_misc_commands_	> dd>dev>s>a2
apply_user_function	pl 051771	bound_uncl_	> dd>am>s>a1
approved_routines_			
apt_equs	ll 110872		> dd>include
apte	ip 110872		> dd>include
aptent	ie 061369		> dd>include
aq_man	pl 112670	bound_pl1_cg_	> dd>pl1>source>a1
archive	pl 100372	bound_archive_	> dd>sss>s>a2
archive.blnd		bound_archive_	
archive_aux_	pl 100372	bound_archive_	> dd>sss>s>a2
archive_data_	al 122270	bound_archive_	> dd>sss>s>a2
archive_entries	pl 080671	bound_archive_	> dd>am>s>a2
archive_key_	al 100372	bound_archive_	> dd>sss>s>a1
archive_sort	pl 100372	bound_archive_	> dd>sss>s>a1
archive_star_	pl 100372	bound_archive_	> dd>sss>s>a2
archive_t_star	pl 031370		> dd>t>s>a2
archive_util_	pl 100372	bound_archive_	> dd>sss>s>a1
ards	lc 051072		> dd>include
arg_count_	eb 112770		> dd>t>s>a2
arg_list	lc 111372		> dd>include
arith_data		bound_pl1_cg_1_	
arith_op		bound_pl1_cg_1_	
arith_trans	pl 112670	bound_pl1_semant_1_	> dd>pl1>source>a1
array	ip 080472		> dd>include
array_meter	pl 112670	bound_pl1_meter	> dd>pl1>source>a3

```

arrayb
as_
as_data_
as_dump_
as_init_
as_meter_
as_who
ascevl_
asin_
asinh_
ask_
assign
assign_op
ast
asu_
aswa_
at_meter
atan2_
attach_table
atblk
attribute_meter
attribute_set
attribute_table
attributes
aut
auth_maint.control
author
backup_cleanup
backup_dir_list
backup_dump
backup_dump_recurse
backup_fs_times
backup_preamble_header
backup_record_types
backup_stat ic
based_object_info
bases
basic
basic_system
bclib1
bcpl_al m_
bcpl_cae0
bcpl_cae1
bcpl_cae2

ie 092569
al 112772
al 112772
ol 092972
ol 112772
pl 092972
pl 071972
pl 091272
pl 060371

    bound_user_control_
    bound_user_control_
    bound_user_control_
    bound_user_control_
    bound_user_control_
    bound_admin_tools_
    bound_al m_
    bound_math_
    bound_math_

    bound_pl1_cg_
    bound_pl1_cg_1_

    bound_user_control_
    bound_user_control_
    bound_pl1_meter
    bound_math_

    bound_pl1_meter
    bound_pl1_parse_

bound_dumper_
bound_dumper_

bound_dartmouth_sim_
bound_dartmouth_sim_
bound_bcpl_library_
bound_bcpl_library_
bound_bcpl_
bound_bcpl_
bound_bcpl_

pl 073071
pl 112670

ip 021072
pl 112772
pl 112772
pl 112670
pl 042470
ip 060672
ie 092569
pl 112670
pl 112670
ip 100672
ip 102472
ip 061970

ip 010871
pl 011173
ip 061571
pl 051672
pl 051672
ip 070270
ip 030471
ip 073071
ip 011670
ip 062672
ip 100672
pl 012673
pl 090971
bc 020470
al 081872
bc 111771
bc 111771
bc 111771

    bound_user_control_
    bound_user_control_
    bound_pl1_meter
    bound_math_

    bound_pl1_meter
    bound_pl1_parse_

    bound_dumper_
    bound_dumper_

    bound_dartmouth_sim_
    bound_dartmouth_sim_
    bound_bcpl_library_
    bound_bcpl_library_
    bound_bcpl_
    bound_bcpl_
    bound_bcpl_

    bound_pl1_cg_
    bound_pl1_cg_1_

    bound_user_control_
    bound_user_control_
    bound_pl1_meter
    bound_math_

    bound_pl1_meter
    bound_pl1_parse_

    bound_dumper_
    bound_dumper_

    bound_dartmouth_sim_
    bound_dartmouth_sim_
    bound_bcpl_library_
    bound_bcpl_library_
    bound_bcpl_
    bound_bcpl_
    bound_bcpl_

> | | | > include
> | | | > t>s>a4
> | | | > t>s>a4
> | | | > t>s>a4
> | | | > t>s>a4
> | | | > t>s>a4
> | | | > t>s>a3
> | | | > t>s>a3
> | | | > dev>s>a1
> | | | > sss>s>a2

> | | | > t>s>a4
> | | | > pl1>source>a1

> | | | > include
> | | | > t>s>a2
> | | | > t>s>a1
> | | | > pl1>source>a3
> | | | > sss>s>a2
> | | | > include
> | | | > include
> | | | > pl1>source>a3
> | | | > pl1>source>a1
> | | | > include
> | | | > include
> | | | > include

> | | | > include
> | | | > t>s>b2
> | | | > include
> | | | > t>s>b1
> | | | > t>s>b1
> | | | > include
> | | | > include
> | | | > include
> | | | > include
> | | | > include
> | | | > include
> | | | > dev>s>b1
> | | | > dev>s>b1
> | | | > cs>s>b2
> | | | > dev>s>b3
> | | | > t>s>b3
> | | | > t>s>b3
> | | | > t>s>b3

bound_user_control_
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bound_admin_tools_
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bound_math_

bound_pl1_cg_
bound_pl1_cg_1_

bound_user_control_
bound_user_control_
bound_pl1_meter
bound_math_

bound_pl1_meter
bound_pl1_parse_

bound_dumper_
bound_dumper_

bound_dartmouth_sim_
bound_dartmouth_sim_
bound_bcpl_library_
bound_bcpl_library_
bound_bcpl_
bound_bcpl_
bound_bcpl_

pl 073071
pl 112670

ip 021072
pl 112772
pl 112772
pl 112670
pl 042470
ip 060672
ie 092569
pl 112670
pl 112670
ip 100672
ip 102472
ip 061970

ip 010871
pl 011173
ip 061571
pl 051672
pl 051672
ip 070270
ip 030471
ip 073071
ip 011670
ip 062672
ip 100672
pl 012673
pl 090971
bc 020470
al 081872
bc 111771
bc 111771
bc 111771

    bound_user_control_
    bound_user_control_
    bound_pl1_meter
    bound_math_

    bound_pl1_meter
    bound_pl1_parse_

    bound_dumper_
    bound_dumper_

    bound_dartmouth_sim_
    bound_dartmouth_sim_
    bound_bcpl_library_
    bound_bcpl_library_
    bound_bcpl_
    bound_bcpl_
    bound_bcpl_

    bound_pl1_cg_
    bound_pl1_cg_1_

    bound_user_control_
    bound_user_control_
    bound_pl1_meter
    bound_math_

    bound_pl1_meter
    bound_pl1_parse_

    bound_dumper_
    bound_dumper_

    bound_dartmouth_sim_
    bound_dartmouth_sim_
    bound_bcpl_library_
    bound_bcpl_library_
    bound_bcpl_
    bound_bcpl_
    bound_bcpl_

```

```

bcol_cae_codes          ib 111771
bcol_cae_head          ib 111771
bcol_cg0              bc 111771
bcol_cg1              bc 040672
bcol_cg2              bc 111771
bcol_cg3              bc 111771
bcol_cg4              bc 111771
bcol_cg5              bc 111771
bcol_cg6              bc 111771
bcol_cg_head          ib 111771
bcol_compiler_head    ib 111771
bcol_driver           bc 040672
bcol_io_             bc 081872
bcol_lex0             bc 111771
bcol_lex1             bc 111771
bcol_lex2             bc 111771
bcol_lex_codes       ib 111771
bcol_lex_head        ib 111771
bcol_lib_             bc 081872
bcol_main_phases_head ib 111771
bcol_opcode          ib 111771
bcol_plist           bc 111771
bcol_report          bc 111771
bcol_symb_head       ib 111771
bcol_symbols         ib 111771
bcol_trans0          bc 111771
bcol_trans1          bc 111771
bcol_trans2          bc 111771
bcol_trans3          bc 111771
bcol_trans4          bc 111771
bcol_trans_codes     ib 111771
bcol_trans_head      ib 111771
bcol_utility         bc 111771
bcol_version         bc 040672
bcolgl              eb 040170
bcolpl1             pl 021170
bdw                 ip 042870
begin_parse         pl 112670
belongs            pl 060872
bitler.ec          eb 112770
bld_obj           pl 011973
bld              ip 051872
bld_map
bldc

```

```

> | dd> include
> | dd> include
> | dd> t> s> b4
> | dd> t> s> b4
> | dd> t> s> b4
> | dd> t> s> b4
> | dd> t> s> b4
> | dd> t> s> b4
> | dd> t> s> b4
> | dd> t> s> b4
> | dd> t> s> b4
> | dd> t> s> b4
> | dd> include
> | dd> include
> | dd> t> s> b1
> | dd> dev> s> b2
> | dd> t> s> b3
> | dd> t> s> b3
> | dd> t> s> b3
> | dd> t> s> b3
> | dd> t> s> b3
> | dd> t> s> b3
> | dd> t> s> b3
> | dd> include
> | dd> include
> | dd> t> s> b3
> | dd> t> s> b3
> | dd> t> s> b3
> | dd> t> s> b3
> | dd> t> s> b3
> | dd> include
> | dd> include
> | dd> t> s> b3
> | dd> t> s> b1
> | dd> am> s> b2
> | dd> am> s> b2
> | dd> include
> | dd> pl1> source> b1
> | dd> am> s> b2

```

```

bound_bcol_
bound_bcol_
bound_bcol_
bound_bcol_
bound_bcol_
bound_bcol_
bound_bcol_
bound_bcol_
bound_bcol_library_
bound_bcol_library_
bound_bcol_
bound_bcol_
bound_bcol_
bound_bcol_
bound_bcol_
bound_bcol_
bound_bcol_library_
bound_bcol_library_
bound_pl1_parse_
bound_simpl_rt_
bound_binder_
bound_pl1_cg_1_

```

```

binder_
bindext
binoc
bit_string
bk_output
blio
blk_eal
blk_meter
block
block_types
bltfun
blttab
bdry
bndtbl
bohdr
bos_dump
bound_
bound_absentee_com_
bound_absentee_com_.bind
bound_access_commands_
bound_access_commands_.bind
bound_active_fnc_
bound_active_fnc_.bind
bound_admin_billing_
bound_admin_billing_.bind
bound_admin_old_
bound_admin_old_.bind
bound_admin_routines_
bound_admin_routines_.bind
bound_admin_tools_
bound_admin_tools_.bind
bound_alm_
bound_alm_.bind
bound_archive_
bound_archive_.bind
bound_bcpl_
bound_bcpl_.bind
bound_bcpl_library_
bound_bcpl_library_.bind
bound_binder_
bound_binder_.bind
bound_blip_
bound_blip_.bind

ol 010573
ip 010573
al 101072

pl 011472
pl 020972
ol 112670
pl 112670
ip 011773
ip 071671
ip 061670
ip 071671
ie 092569
ip 010573
ib 071069
ip 050671
al 112670
bd 112972

bd 112272
bd 013073
bd 102472
bd 102472
bd 122972
bd 011173
bd 121572
bd 100372
bd 081370
bd 040672
bd 081872
bd 011973
012671
bd 091472

bound_binder_
bound_pl1_cg_1_
bound_pl1_semant_1_
bound_dumper_
bound_blip_
bound_pl1_cg_
bound_pl1_meter

bound_pl1_utility_
bound_absentee_com_
bound_access_commands_
bound_active_fnc_
bound_admin_billing_
bound_admin_old_
bound_admin_routines_
bound_admin_tools_
bound_alm_
bound_archive_
bound_bcpl_
bound_bcpl_library_
bound_binder_
bound_blip_

> | dd> dev> s>> b1
> | dd> include
> | dd> pl1> s>> o2

> | dd> t> s>> b1
> | dd> am> s>> b1
> | dd> pl1> source> b1
> | dd> pl1> source> b3
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> pl1> source> b3
> | dd> dev> bc> bound_absentee_com_.archive

> | dd> sss> bc> bound_access_commands_.arc
> | dd> sss> bc> bound_active_fnc_.archive
> | dd> t> bc> bound_admin_billing_.archive
> | dd> t> bc> bound_admin_old_.archive
> | dd> t> bc> bound_admin_routines_.archive
> | dd> t> bc> bound_admin_tools_.archive
> | dd> dev> bc> bound_alm_.archive
> | dd> sss> bc> bound_archive_.archive
> | dd> am> bc> bound_bcpl.archive
> | dd> t> bc> bound_bcpl_.archive

> | dd> dev> bc> bound_bcpl_library_.archive
> | dd> dev> bc> bound_binder_.archive
> | dd> am> bc> bound_blip_.archive

```

```

bound_broadcaster_.bind          bd 122971
bound_broadcaster_.bind          bd 122172
bound_calc_.bind                 bd 031672
bound_card_lo_.bind             bd 012072
bound_card_lo_.bind             bd 020372
bound_carry_.bind               bd 012673
bound_checker_.bind             bd 012973
bound_ck_progs_.bind           bd 062272
bound_consultant_.bind         bd 061972
bound_consultant_.bind         bd 012673
bound_crossref_.bind           bd 012673
bound_csa_line_.bind           bd 072872
bound_csa_line_.bind           bd 012373
bound_dartmouth_cp_.bind       bd 011173
bound_dartmouth_sim_.bind      bd 011173
bound_dartmouth_sim_.bind      bd 120771
bound_dartmouth_tools_.bind    bd 121272
bound_dartmouth_tools_.bind    bd 012373
bound_debug_.bind              bd 121972
bound_deh_test_.bind           bd 101871
bound_deh_test_.bind           bd 041172
bound_dumper_.bind             bd 122172
bound_dumper_.bind             bd 122172
bound_force_detach_.bind       bd 122172
bound_force_detach_.bind       bd 122172
bound_fscom1_.bind             bd 122172
bound_fscom2_.bind             bd 122172
bound_full_cp_.bind            bd 122172
bound_full_cp_.bind            bd 122172
bound_gasp_.bind               bd 122172
bound_gm_.bind                 bd 122172
bound_graphics_.bind           bd 122172
bound_graphics_.bind           bd 122172

> | fd> dev> bc> bound_broadcaster_.archive
> | fd> dev> bc> bound_calc_.archive
> | fd> t> bc> bound_card_lo_.archive
> | fd> am> bc> bound_carry_.archive
> | fd> t> bc> bound_checker_.archive
> | fd> t> bc> bound_ck_progs_.archive
> | fd> am> bc> bound_consultant_.archive
> | fd> t> bc> bound_crossref_.archive
> | fd> t> bc> bound_csa_line_.archive
> | fd> dev> bc> bound_dartmouth_basic_.arc
> | fd> dev> bc> bound_dartmouth_sim_.archi
> | fd> t> bc> bound_dartmouth_tools_.archi
> | fd> dev> bc> bound_debug_.archive
> | fd> t> bc> bound_deh_test_.archive
> | fd> t> bc> bound_dumper_.archive
> | fd> t> bc> bound_force_detach_.archive
> | fd> sss> bc> bound_fscom1_.archive
> | fd> sss> bc> bound_fscom2_.archive
> | fd> sss> bc> bound_full_cp_.archive
> | fd> am> bc> bound_gasp_.archive
> | fd> t> bc> bound_gm_.archive
> | fd> dev> bc> bound_graphics_.archive

```

```

bound_hardcore_db_      bd 011173
bound_hardcore_db_     > | dd> t> bc> bound_hardcore_db_.archive
bound_io_commands_     bd 101272
bound_io_commands_    > | dd> sss> bc> bound_io_commands_.archive
bound_io_daemon_      bd 012573
bound_io_daemon_     > | dd> t> bc> bound_io_daemon_.archive
bound_lib_utility_    bd 011173
bound_lib_utility_   > | dd> t> bc> bound_lib_utility_.archive
bound_lisp_           bd 111072
bound_lisp_          > | dd> dev> bc> bound_lisp_.archive
bound_lisp_compiler_  bd 020171
bound_lisp_compiler_ > | dd> dev> bc> bound_lisp_compiler_.archive
bound_listing_tape_   bd 031472
bound_listing_tape_  > | dd> t> bc> bound_listing_tape_.archive
bound_lsm_            bd 122172
bound_lsm_           > | dd> dev> bc> bound_lsm_.archive
bound_iss_            bd 121372
bound_iss_           > | dd> sss> bc> bound_iss_.archive
bound_math_          bd 120672
bound_math_         > | dd> sss> bc> bound_math_.archive
bound_metering_      bd 122172
bound_metering_     > | dd> dev> bc> bound_metering_.archive
bound_misc_commands_ bd 010573
bound_misc_commands_ > | dd> dev> bc> bound_misc_commands_.archive
bound_misc_metering_ bd 012373
bound_misc_metering_ > | dd> t> bc> bound_misc_metering_.archive
bound_misc_translats_ bd 011273
bound_misc_translats_ > | dd> t> bc> bound_misc_translats_.archive
bound_mseg_          bd 011573
bound_mseg_         > | dd> dev> bc> bound_mseg_.archive
bound_mseg_commands_ bd 011173
bound_mseg_commands_ > | dd> t> bc> bound_mseg_commands_.archive
bound_msl_           bd 011173
bound_msl_          > | dd> t> bc> bound_msl_.archive
bound_network_logger_ bd 021671
bound_network_logger_ > | dd> t> bc> bound_network_logger_.archive
bound_network_logger_ bd 110972
bound_network_logger_ > | dd> t> bc> bound_network_logger_.archive
bound_nstd_         bd 011873
bound_nstd_        > | dd> sss> bc> bound_nstd_.archive
bound_od_           bd 052372
bound_od_          > | dd> t> bc> bound_od_.archive
bound_od_peruse_text_ bd 051772
bound_od_peruse_text_ > | dd> dev> bc> bound_od_peruse_text_.archive
bound_pl1_cg_       bd 062371
bound_pl1_cg_      > | dd> pl1> bc> bound_pl1_cg_.archive
bound_pl1_cg_      020171

```

```

bound_pl1_cg_1_          bd 101072
bound_pl1_cg_2_          bd 012973
bound_pl1_debug          bd 112670
bound_pl1_display       bd 112670
bound_pl1_meter         bd 112670
bound_pl1_parse_        bd 012973
bound_pl1_parse_.bind   bd
bound_pl1_semant_       bd
bound_pl1_semant_1_     bd 101072
bound_pl1_semant_2_     bd 012973
bound_pl1_signal_       bd 092872
bound_pl1_signal_.bind  bd
bound_pl1_utility_      bd
bound_pl1_io_           bd 062072
bound_pl1_io_.bind      bd
bound_proj_admin_       bd 102472
bound_proj_admin_.bind bd
bound_qedx              bd 111370
bound_qedx_.bind       bd 012673
bound_runoff_          bd 081872
bound_runoff_.bind     bd
bound_search_rules_    bd 083072
bound_search_rules_.bind bd
bound_simpl_rt_        bd 110772
bound_simpl_rt_.bind   bd
bound_simpl_sm_        bd 110772
bound_simpl_sm_.bind   bd
bound_simpl_tr_        bd 110772
bound_simpl_tr_.bind   bd
bound_spg_             bd 122072
bound_spg_.bind        bd
bound_sss_debug_       bd 112370
bound_sss_util_        bd 010973
bound_sss_util_.bind   bd
bound_submission_test_ bd 013073
bound_submission_test_.bind bd
bound_teco_            bd 050572
bound_teco_.bind       bd
bound_ti_term_         bd 011673
bound_ti_term_.bind    bd
bound_trace_stack_     bd 103072
bound_trace_stack_.bind bd

> | | d > pl 1 > bc > bound_pl1_cg_1_ .archive
> | | d > pl 1 > bc > bound_pl1_cg_2_ .archive
> | | d > pl 1 > bnd c > bound_pl1_debug
> | | d > pl 1 > bnd c > bound_pl1_display
> | | d > pl 1 > bnd c > bound_pl1_meter
> | | d > pl 1 > bc > bound_pl1_parse_ .archive

bound_pl1_parse_
bound_pl1_semant_1_
bound_pl1_signal_
bound_pl1_io_
bound_proj_admin_
bound_qedx_
bound_runoff_
bound_search_rules_
bound_simpl_rt_
bound_simpl_sm_
bound_simpl_tr_
bound_spg_
bound_sss_util_
bound_submission_test_
bound_teco_
bound_ti_term_
bound_trace_stack_

> | | d > pl 1 > bc > bound_pl1_semant_1_ .archive
> | | d > pl 1 > bc > bound_pl1_semant_2_ .archive
> | | d > pl 1 > bc > bound_pl1_signal_ .archive

> | | d > pl 1 > bc > bound_pl1_io_ .archive
> | | d > dev > bc > bound_proj_admin_ .archive
> | | d > am > bc > bound_qedx_ .archive
> | | d > dev > bc > bound_qedx_ .archive
> | | d > dev > bc > bound_runoff_ .archive
> | | d > dev > bc > bound_search_rules_ .archive
> | | d > am > bc > bound_simpl_rt_ .archive
> | | d > am > bc > bound_simpl_sm_ .archive
> | | d > am > bc > bound_simpl_tr_ .archive
> | | d > t > bc > bound_spg_ .archive
> | | d > sss > bc > bound_sss_debug_ .archive
> | | d > sss > bc > bound_sss_util_ .archive
> | | d > t > bc > bound_submission_test_ .archive
> | | d > am > bc > bound_teco_ .archive
> | | d > sss > bc > bound_ti_term_ .archive
> | | d > dev > bc > bound_trace_stack_ .archive

```


bound_uncl_	bd 052471		> dd>am>bc>b0	nd_unc1_	.archive
bound_updater_	bd 011173		> dd>t>bc>b0	nd_updater_	.archive
bound_user_control_	bd 112772		> dd>t>bc>b0	nd_user_control_	.archive
bound_user_network_	bd 100272		> dd>dev>bc>b0	nd_user_network_	.archive
boundary	ip 071671		> dd>include		
bounds	pl 112670		> dd>pl1>source>	b1	
branch	ip 120572		> dd>include		
branch_gf	pl 051771		> dd>am>s>	b1	
broadcast_	al 092271		> dd>dev>s>	b2	
broadcaster_	pl 092371		> dd>dev>s>	b2	
bsfx_	eb 112770		> dd>t>s>	b2	
btypes	ie 092569		> dd>include		
bufi_	al 030471		> dd>t>s>	b2	
bufo	pl 030471		> dd>t>s>	b2	
bufo_	030471				
build_access	pl 112670		> dd>pl1>source>	b1	
build_io_aggregate	pl 052171		> dd>pl1>s>	b1	
build_offsets					
build_peruse_text_	pl 040672		> dd>dev>s>	b2	
builtin_trans	pl 112670		> dd>pl1>source>	b1	
builtin_function					
builtin_table	ip 011773		> dd>include		
bulk_store_mailbox	ll 110872		> dd>include		
bvd_table	al 071671		> dd>dev>s>	b2	
bx_	al 010573		> dd>dev>s>	b2	
c_3					
c_lookup	pl 060872		> dd>am>s>	c1	
cabs_	ft 090871		> dd>sss>s>	c2	
calc	pl 122172		> dd>dev>s>	c1	
calc_price_	pl 062272		> dd>am>s>	c1	
calc_shift_					
call_deh_test_gate					
call_00					
call_trace	pl 060271		> dd>sss>s>	c1	
cancel_abs_request	pl 112972		> dd>dev>s>	c2	
canonicalize_	pl 010772		> dd>t>s>	c4	
canonicalizer_	pl 101872		> dd>t>s>	c5	
carry_	al 012072		> dd>am>s>	c1	
carry_read	pl 012072		> dd>am>s>	c2	
cash_	ft 090871		> dd>sss>s>	c2	
cat	ip 080372		> dd>include		

bound_updater_	bound_user_control_	bound_user_network_	bound_pl1_parse_	bound_uncl_	bound_broadcaster_	bound_broadcaster_	bound_csa_line_	bound_csa_line_	bound_csa_line_	bound_pl1_semant_1_	bound_pl1_semant_1_	bound_pl1_semant_1_	bound_peruse_text_	bound_pl1_semant_1_	bound_binder_	bound_pl1_cg_1_	bound_simpl_rt_	bound_math_	bound_calc_	bound_blip_	bound_blip_	bound_deh_test_	bound_pl1_cg_1_	bound_absentee_com_	bound_network_logger_	bound_network_logger_	bound_carry_	bound_carry_	bound_math_
----------------	---------------------	---------------------	------------------	-------------	--------------------	--------------------	-----------------	-----------------	-----------------	---------------------	---------------------	---------------------	--------------------	---------------------	---------------	-----------------	-----------------	-------------	-------------	-------------	-------------	-----------------	-----------------	---------------------	-----------------------	-----------------------	--------------	--------------	-------------

```

cat_op          pl 112670
catf           ie 112869
cc_pl_io1     al 052171
ce            pl 112670
cexp_        ft 090871
cg_error     al 101072
cg_pl_stat   bc 081370
cgmap0       bc 081370
cgmap1       bc 081370
cgmap2       bc 081370
cgmap3       bc 081370
change_error_mode pl 122172
change_tuning_parameters pl 011173
change_wdir  pl 083072
char_bit     pl 112670
char_string  pl 112670
charge_daemon_usage pl 122972
charge_deck  pl 102472
charge_disk  pl 122972
charge_projects_to_accts pl 102472
charge_user  pl 122972
charge_user_registration pl 102472
charge_users_to_accts pl 102472
chase_link  pl 083072
check_cd     al 080471
check_dart_access_ pl 090971
check_info_segs pl 122172
check_mst   pl 020372
check_object pl 013073
check_path_name_ pl 121071
check_priv_access_ pl 011271
check_star  pl 083072
checker_print_ pl 011871
ckldr       lp 110570
cldcn       lo 031670
cldim       pl 061972
cldim_     al 030471
clean_up_segs pl 051771
cleanuo     pl 121272
clear_profile pl 121272
clear_reqfile pl 121272
clpg_      ft 090871
cmo        lp 021072
cmohtr     lb 081370
bound_pl1_cg_  bound_pl1_cg_
bound_pl1_io_ bound_pl1_io_
bound_math_   bound_math_
bound_pl1_cg_1_ bound_pl1_cg_1_
bound_bcpl   bound_bcpl
bound_bcpl   bound_bcpl
bound_bcpl   bound_bcpl
bound_misc_commands_ bound_misc_commands_
bound_misc_metering_ bound_misc_metering_
bound_fscomi_ bound_fscomi_
bound_pl1_semant_1_ bound_pl1_semant_1_
bound_admin_routines_ bound_admin_routines_
bound_admin_old_ bound_admin_old_
bound_admin_routines_ bound_admin_routines_
bound_admin_old_ bound_admin_old_
bound_admin_old_ bound_admin_old_
bound_fscomi_ bound_fscomi_
bound_card_io_ bound_card_io_
bound_dartmouth_sim_ bound_dartmouth_sim_
bound_misc_commands_ bound_misc_commands_
bound_checker_ bound_checker_
bound_access_commands_ bound_access_commands_
bound_hardware_db_ bound_hardware_db_
bound_fscomi_ bound_fscomi_
bound_checker_ bound_checker_
bound_csa_line_ bound_csa_line_
bound_csa_line_ bound_csa_line_
bound_lib_utility_ bound_lib_utility_
bound_admin_routines_ bound_admin_routines_
bound_admin_routines_ bound_admin_routines_
bound_math_  bound_math_
> | dd> pl1>source>c1
> | dd> include
> | dd> pl1>s>c2
> | dd> pl1>source>c2
> | dd> sss>s>c2
> | dd> pl1>s>c1
> | dd> am>s>c1
> | dd> am>s>c1
> | dd> am>s>c1
> | dd> dev>s>c2
> | dd> t>s>c3
> | dd> sss>s>c1
> | dd> pl1>source>c2
> | dd> pl1>source>c1
> | dd> t>s>c5
> | dd> t>s>c6
> | dd> t>s>c3
> | dd> t>s>c6
> | dd> t>s>c5
> | dd> t>s>c6
> | dd> t>s>c6
> | dd> sss>s>c1
> | dd> sss>s>c1
> | dd> dev>s>c4
> | dd> dev>s>c2
> | dd> t>s>c3
> | dd> dev>s>c1
> | dd> sss>s>c1
> | dd> t>s>c3
> | dd> include
> | dd> include
> | dd> t>s>c1
> | dd> t>s>c1
> | dd> am>s>c1
> | dd> t>s>c2
> | dd> t>s>c5
> | dd> t>s>c5
> | dd> sss>s>c1
> | dd> include
> | dd> include

```

cnt	ip 021072		> dd> include
cnt1	ip 112470		> dd> include
code_	pl 042271	bound_math_	> dd> sss>s>c1
code_generator		bound_pl1_cg_1_	
codtab	ip 063070		> dd> include
colct	ft 101871	bound_gasp_	> dd> am>s>c1
con_query_	pl 080271		> dd> sss>s>c2
command_query_	pl 120172		> dd> dev>s>c2
communications	ip 121571		> dd> include
comp_tree_conversion	pl 112670	bound_pl1_semant_1_	> dd> pl1>source>c1
compare		bound_misc_commands_	
compare_ascii	pl 010573	bound_misc_commands_	> dd> dev>s>c1
compare_entry_names	pl 091472	bound_lib_utility_	> dd> t>s>c6
compare_exo	pl 112670	bound_pl1_cg_	> dd> pl1>source>c1
compile	pl 031171	bound_pl1_cg_	> dd> pl1>s>c1
compile_entry		bound_pl1_cg_1_	
compile_exo		bound_pl1_cg_1_	
compile_link		bound_pl1_cg_1_	
compile_messages			
compiler	pl 112670	bound_sss_util_	> dd> pl1>source>c3
component_info	lb 020470		> dd> include
component_info_	ip 051872		> dd> include
component_info_	pl 062172		> dd> sss>s>c2
comtbl	ip 010573		> dd> include
compute_bill	pl 121272	bound_admin_routines_	> dd> t>s>c4
conc_expr_gf	pl 051771	bound_unct_	> dd> am>s>c1
concom	ip 062370		> dd> include
condition_process	pl 112670	bound_pl1_parse_	> dd> pl1>source>c1
conflix	pl 112670	bound_pl1_semant_1_	> dd> pl1>source>c1
confloat	pl 120170	bound_pl1_semant_1_	> dd> pl1>s>c1
console_edit	pl 052771	bound_admin_tools_	> dd> t>s>c3
console_output	pl 090870	bound_io_commands_	
console_report	pl 071972	bound_admin_tools_	
const	le 092569		> dd> t>s>c2
constant_expr	pl 112670	bound_pl1_parse_	> dd> include
consult_ctl	ip 012673		> dd> pl1>source>c1
context	le 072569		> dd> include
context	ip 080472	bound_pl1_parse_	> dd> include
context_codes	ip 080472		> dd> include
context_processor	pl 112670	bound_pl1_semant_1_	> dd> pl1>source>c1
conv_600_bcd_	pl 072872	bound_dartmouth_tools_	> dd> t>s>c4
convert_360_fortran	pl 061372		> dd> am>s>c2
convert_360_ol1	pl 070271		> dd> am>s>c2
convert_arith_op	pl 112670	bound_pl1_semant_1_	> dd> pl1>source>c1
convert_assignment_op	pl 021771	bound_pl1_semant_1_	> dd> pl1>s>c1

convert_char_codes	pl	011571	bound_pl1_semant_1_	> dd> am> s> c2
convert_constant	pl	112670	bound_pl1_semant_1_	> dd> pl1> source> c1
convert_date_to_binary_	pl	051072	bound_pl1_semant_1_	> dd> dev> s> c1
convert_exp_op	pl	040271	bound_pl1_semant_1_	> dd> pl1> source> c1
convert_from_dtype	pl	112670	bound_pl1_semant_1_	> dd> pl1> source> c1
convert_if_operator	pl	112670	bound_pl1_parse_	> dd> pl1> source> c1
convert_int	pl	112670	bound_pl1_cg_	> dd> pl1> source> c1
convert_multics_fortran	pl	101371	bound_pl1_semant_1_	> dd> am> s> c2
convert_relational_op	pl	112670	bound_pl1_semant_1_	> dd> pl1> source> c1
convert_string_op	pl	112670	bound_pl1_semant_1_	> dd> pl1> source> c1
convert_to_bits	pl	112670	bound_pl1_semant_1_	> dd> pl1> source> c1
convert_to_chars	pl	112670	bound_pl1_semant_1_	> dd> pl1> source> c1
convtab	ip	042772	bound_fscom2_	> dd> include
copy	pl	083072	bound_fscom2_	> dd> sss> s> c2
copy_acl_	pl	083072	bound_admin_routes_	> dd> sss> s> c2
copy_as_meters	pl	121272	bound_od_	> dd> t> s> c5
copy_dump	pl	101471	bound_od_	> dd> t> s> c4
copy_dump_seg_	pl	061471	bound_pl1_parse_	> dd> t> s> c2
copy_exp	pl	112670	bound_gm_	> dd> pl1> source> c1
copy_mst	pl	111871	bound_fscom2_	> dd> t> s> c1
copy_names_	pl	121272	bound_admin_tools_	> dd> sss> s> c2
copy_pnt	pl	052771	bound_admin_tools_	> dd> t> s> c3
copy_salvager_output	pl	011173	bound_hardcore_db_	> dd> t> s> c1
copy_seg_	pl	012373	bound_fscom2_	> dd> sss> s> c1
copy_words	pl	011173	bound_user_control_	> dd> t> s> c2
cp3_	pl	112772	bound_card_io_	> dd> t> s> c2
cpseg	pl	080471	bound_sss_debug_	> dd> sss> s> c2
cptr	e	012270	bound_fscom2_	> dd> sss> s> c1
create	pl	083072	bound_user_control_	> dd> sss> s> c1
create_home_dir_	pl	112772	bound_pl1_parse_	> dd> t> s> c5
create_identifier	ip	101872	bound_iss_	> dd> include
create_info	pl	063072	bound_admin_tools_	> dd> sss> s> c1
create_ips_mask_	pl	071972	bound_pl1_cg_1_	> dd> t> s> c5
create_line_sfile	ip	080472	bound_crossref_	> dd> include
create_temporary	pl	062272	bound_crossref_	> dd> t> s> c3
create_token	pl	062371	bound_crossref_	> dd> t> s> c4
cref_analyze_	pl	062371	bound_crossref_	> dd> t> s> c4
cref_listman_	pl	062371	bound_crossref_	> dd> t> s> c4
cref_print_	pl	062371	bound_crossref_	> dd> t> s> c4
cref_sort_	ip	080472	bound_crossref_	> dd> include
cross_reference	pl	012673	bound_ck_progs_	> dd> t> s> c4
crossref_	ft	090871	bound_math_	> dd> sss> s> c1
csin_	ft	042572	bound_math_	> dd> sss> s> c2
csort_				


```

dartmouth_initializer_      pl 012673
dartmouth_mme_handler_    al 010973
dartmouth_mme_list        pl 070171
dartmouth_overseer_       pl 071271
dartmouth_util_           pl 090971
dash_                      pl 042170
dash_                      pl 042170
data                       al 112670
data_list_parse           pl 112670
data_trans                pl 112670
data_tyoes                ip 080371
data_                      ft 101871
data2_                    pl 042470
datao                     ft 101871
date_deleter              pl 102472
date_time                 pl 013073
datmk_                    pl 120172
datmk_util_              eb 112370
db_al_                   al 070671
db_assign                 pl 111372
db_break                  pl 111372
db_data                   al 031671
db_get_count             pl 111372
db_print                  pl 012373
db_req                    pl 021772
db_snt                    ip 111372
db_sym                    pl 011673
dcl_dyn_gram_status      ip 051771
dcl_dynamic_status       ip 051771
dcl_identifier           ip 051771
dcl_template             ip 051771
dcl_tr                   pl 060872
dclandsement            pl 112670
dlect                    ip 060672
dct                       ip 042870
debug                     pl 120672
debug_data               eb 111969
debug_util               e 111969
debug_bin_               e 112770
decam                     pl 060672
decel_                   pl 091071
declaration_processor    pl 112670
declare_const            pl 112670
declare_integer

```

```

bound_dartmouth_sim_     bound_dartmouth_basic_
bound_dartmouth_tools_  bound_dartmouth_sim_
bound_dartmouth_sim_    bound_math_
bound_math_             bound_math_
bound_pl1_parse_        bound_pl1_parse_
bound_pl1_semant_1_     bound_pl1_semant_1_

bound_gasp_             bound_math_
bound_math_             bound_gasp_
bound_lib_utility_     bound_active_fnc_

bound_debug_            bound_debug_
bound_debug_            bound_debug_
bound_debug_            bound_debug_
bound_debug_            bound_debug_
bound_debug_            bound_debug_
bound_debug_            bound_debug_

bound_debug_

bound_simpl_fr_         bound_pl1_semant_1_
bound_pl1_semant_1_

bound_debug_            bound_sss_debug_
bound_sss_debug_       bound_sss_debug_

bound_al_               bound_pl1_semant_1_
bound_pl1_semant_1_    bound_pl1_semant_1_
bound_pl1_semant_1_    bound_pl1_semant_1_

```

```

> | dd> dev> s> d3
> | dd> dev> s> d7
> | dd> t> s> d1
> | dd> dev> s> d2
> | dd> dev> s> d7
> | dd> sss> s> d2
> | dd> sss> s> d2
> | dd> pl1> source> d1
> | dd> pl1> source> d1
> | dd> pl1> source> d1
> | dd> include
> | dd> am> s> d1
> | dd> sss> s> d2
> | dd> am> s> d2
> | dd> t> s> d2
> | dd> sss> s> d3
> | dd> sss> s> d1
> | dd> sss> s> d2
> | dd> dev> s> d3
> | dd> dev> s> d3
> | dd> dev> s> d1
> | dd> dev> s> d3
> | dd> dev> s> d2
> | dd> dev> s> d2
> | dd> dev> s> d2
> | dd> include
> | dd> dev> s> d3
> | dd> include
> | dd> include
> | dd> include
> | dd> am> s> d3
> | dd> pl1> source> d1
> | dd> include
> | dd> include
> | dd> dev> s> d2
> | dd> sss> s> d1
> | dd> sss> s> d1
> | dd> t> s> d1
> | dd> sss> s> d1
> | dd> dev> s> d4
> | dd> pl1> source> d1
> | dd> pl1> source> d1

```

```

declare_label
declare_pointer
declare_semantics
declare_stmt
declare_type
declare_var_string
decode_clock_value_
decode_definition_
decode_link_
decode_socket_
decoded_token_types
decsub_
dectab
default
default
defined_ref
definition
deh_test1
deh_test2
deh_test3
deh_test4
deh_test5
deh_test6
deh_test7
deh_test8
deh_test9
deh_test_admin
deh_test_gate_
del_file_
del_list_proc_
delete
delete_
delete_refer
demand_vb
derf_
desc_meter
determine_dtype
dev_control
device_acct_
dev_id
devtab
dexp_fc_
dexp_
dhodh_

pl 112670
pl 112670
pl 112670
lp 071671
pl 112670
pl 092471
pl 100372
pl 010573
pl 040171
lp 080472
al 120172
lp 042870
lp 092569
lp 080472
pl 112670
lp 100672
pl 102971
al 102971
pl 102971
ff 102971
ff 102971
ff 102971
pl 102971
pl 102971
pl 011173
pl 102971
gf 102971
pl 101372
pl 121972
pl 083072
pl 121272

pl 051771
pl 042170
pl 112670
pl 112670

pl 112772
lp 112772
lp 112772
pl 042170
pl 050371
pl 092972

bound_pl1_semant_1_
bound_pl1_parse_
bound_pl1_semant_1_
bound_pl1_parse_

bound_pl1_parse_
bound_sss_ut11_
bound_binder_
bound_user_network_
bound_al_m_

bound_pl1_semant_1_
bound_deh_test_
bound_deh_test_
bound_deh_test_
bound_deh_test_
bound_deh_test_
bound_deh_test_
bound_deh_test_
bound_deh_test_
bound_deh_test_
bound_deh_test_
bound_deh_test_
bound_deh_test_
bound_submission_test_
bound_updater_
bound_fscom1_
bound_fscom1_
bound_pl1_semant_1_
bound_unci_
bound_math_
bound_pl1_meter
bound_pl1_semant_1_

bound_user_control_

bound_math_
bound_math_
bound_user_control_

> | dd> pl1> source> d1
> | dd> pl1> source> d1
> | dd> pl1> source> d1
> | dd> include
> | dd> pl1> source> d1
> | dd> dev> s> d7
> | dd> sss> s> d3
> | dd> dev> s> d1
> | dd> dev> s> d4
> | dd> include
> | dd> dev> s> d4
> | dd> include
> | dd> pl1> source> d1
> | dd> include
> | dd> t> s> d4
> | dd> t> s> d4
> | dd> t> s> d4
> | dd> t> s> d4
> | dd> t> s> d4
> | dd> t> s> d4
> | dd> t> s> d4
> | dd> t> s> d4
> | dd> t> s> d4
> | dd> t> s> d4
> | dd> t> s> d4
> | dd> t> s> d2
> | dd> sss> s> d1
> | dd> sss> s> d3

> | dd> am> s> d4
> | dd> sss> s> d2
> | dd> pl1> source> d3
> | dd> pl1> source> d1

> | dd> t> s> d5
> | dd> include
> | dd> include
> | dd> sss> s> d2
> | dd> sss> s> d2
> | dd> t> s> d1

```

dir_ctl_	pl	112772	bound_user_control_	> dd> t>s>d1
dir_lup_	pl	120472		> dd> t>s>d2
dir_	pl	051771	bound_unc1_	> dd> am>s>d3
dir_xo_	pl	120470	bound_math_	> dd> sss>s>d2
dir_	ip	120572		> dd> include
dir_acl	ip	120572		> dd> include
dir_allocation_area	ip	120572		> dd> include
dir_entry	ip	120572		> dd> include
dir_header	ip	120572		> dd> include
dir_ht	ip	120572		> dd> include
dir_link	ip	120572		> dd> include
dir_name	ip	120572		> dd> include
dir_outout	e	040670	bound_sss_debug_	> dd> sss>s>d1
discard_output_	al	093071	bound_broadcaster_	> dd> dev>s>d7
discard_output_util_	pl	093071	bound_broadcaster_	> dd> dev>s>d7
disk_queue	pl	072872	bound_misc_metering_	> dd> t>s>d3
disk_stat	ip	052771		> dd> include
disk_stat_orint	pl	121272	bound_admin_rout_ines_	> dd> t>s>d3
disk_usage_stat	pl	071972	bound_admin_tools_	> dd> t>s>d1
disk_low	pl	121272	bound_admin_rout_ines_	> dd> t>s>d1
dispatch_request	e	040670	bound_sss_debug_	> dd> sss>s>d1
display	pl	112670	bound_pl1_debug	> dd> pl1>source>d3
display_array	pl	112670	bound_pl1_display	> dd> pl1>source>d3
display_at	pl	112670	bound_pl1_display	> dd> pl1>source>d3
display_attribute	pl	112670	bound_pl1_display	> dd> pl1>source>d3
display_block	pl	112670	bound_pl1_display	> dd> pl1>source>d3
display_component_name	pl	112472	bound_sss_util_	> dd> sss>s>d3
display_desc	pl	112670	bound_pl1_display	> dd> pl1>source>d3
display_exo	pl	112670	bound_pl1_display	> dd> pl1>source>d3
display_int	pl	112670	bound_pl1_display	> dd> pl1>source>d3
display_pl1_map			bound_pl1_cg_1_	
display_pl1_text			bound_pl1_cg_1_	
display_rand	pl	112670	bound_pl1_display	> dd> pl1>source>d3
display_statement	pl	112670	bound_pl1_display	> dd> pl1>source>d3
display_symb	pl	112670	bound_pl1_display	> dd> pl1>source>d3
display_text			bound_pl1_cg_1_	
disassemble	pl	072872	bound_debug_	> dd> dev>s>d1
dissect_object_	pl	010573	bound_binder_	> dd> dev>s>d1
dir_handler_	pl	102672	bound_fscom1_	> dd> sss>s>d2
dir_	pl	042170	bound_math_	> dd> sss>s>d2
dir_	ft	090871	bound_math_	> dd> sss>s>d3
dir_	ip	062872		> dd> include
do_file_vb	pl	051771	bound_unc1_	> dd> am>s>d3
do_list_semantics	pl	040271	bound_pl1_semant_1_	> dd> pl1>source>d1


```

do_parse                pl 030571
do_semantics            pl 112670
do_vb                   pl 051771
dof                     pl 050872
doer                    pl 051771
dollar_ready           pl 070771
dope                    ip 012870
dope_fill              pl 112670
fp3                     pl 112772
dprint                 pl 101272
drand                   ft 101871
driver                  bc 081370
drtmth_mme_names_     al 070171
drum_info               il 042672
drum_recs_             pl 061771
dsa                     pl 070171
dsin_                   pl 012872
dsinh_                  pl 042170
dskdcws                ip 042171
dsqrt_                 pl 042170
dst                     ip 070271
dst_equs               il 073070
dtan_                  pl 042170
dtanh_                  pl 042170
dump_anstbl            pl 021072
dump_dartmouth_catalog pl 090971
dump_dartmouth_tape   pl 090971
dump_frn_table         pl 092771
dump_machine_cond_    pl 103072
dump_process           e 111069
dump_segment          pl 112272
dumpg                  ft 101871
dutbl                  ip 112772
dxo1_                  pl 042170
dxo2_                  pl 042170
e oo                   pl 051771
e v                     pl 112670
eat                    ip 042870
eb_data_               al 081872
eborb                  pl 081071
ed_installation_parms pl 071972
ed_mgt                 pl 061372
edit_hist_file         pl 102472
edit_mst_header        pl 011173

bound_pl1_parse        pl 030571
bound_pl1_semant_1_    pl 112670
bound_uncl_            pl 051771
bound_pl1_signal_     pl 050872
bound_uncl_            pl 051771
bound_blip_           pl 070771
bound_pl1_cg_         ip 012870
bound_user_control_   pl 112670
bound_io_commands_    pl 112772
bound_gasp_           pl 101272
bound_bcol            ft 101871
bound_dartmouth_tools_ bc 081370
bound_sog_            al 070171
bound_csa_line_       il 042672
bound_math_           pl 061771
bound_math_           pl 070171
bound_math_           pl 012872
bound_math_           pl 042170
bound_math_           ip 042171
bound_math_           pl 042170
bound_math_           ip 070271
bound_math_           il 073070
bound_math_           pl 042170
bound_math_           pl 042170
bound_admin_tools_   pl 021072
bound_dartmouth_tools_ pl 090971
bound_dartmouth_tools_ pl 090971
bound_dartmouth_tools_ pl 092771
bound_trace_stack_   pl 103072
bound_sss_debug_     e 111069
bound_gasp_          pl 112272
bound_gasp_          ft 101871
bound_gasp_          ip 112772
bound_math_          pl 042170
bound_math_          pl 042170
bound_uncl_          pl 051771
bound_pl1_cg_        pl 112670
bound_pl1_cg_        ip 042870
bound_aln_           al 081872
bound_plio_          pl 081071
bound_admin_tools_   pl 071972
bound_admin_tools_   pl 061372
bound_admin_old_     pl 102472
bound_admin_old_     pl 011173

> |fd> pl1>s>d1
> |fd> pl1>source>d1
> |fd> am>s>d3
> |fd> pl1>s>d2
> |fd> am>s>d4
> |fd> am>s>d4
> |fd> Include
> |fd> pl1>source>d1
> |fd> t>s>d1
> |fd> sss>s>d2
> |fd> am>s>d3
> |fd> am>s>d1
> |fd> t>s>d3
> |fd> Include
> |fd> t>s>d3
> |fd> t>s>d1
> |fd> sss>s>d2
> |fd> sss>s>d2
> |fd> Include
> |fd> sss>s>d2
> |fd> Include
> |fd> Include
> |fd> sss>s>d2
> |fd> sss>s>d2
> |fd> t>s>d3
> |fd> t>s>d4
> |fd> t>s>d4
> |fd> t>s>d1
> |fd> dev>s>d7
> |fd> sss>s>d1
> |fd> dev>s>d1
> |fd> am>s>d4
> |fd> Include
> |fd> sss>s>d2
> |fd> sss>s>d2
> |fd> am>s>e1
> |fd> pl1>source>e1
> |fd> Include
> |fd> dev>s>e1
> |fd> pl1>s>e2
> |fd> t>s>e2
> |fd> t>s>e3
> |fd> t>s>e1
> |fd> t>s>e3

```

```

edm
edurf
edx_util_
else_if_vb
ename
end_slm
enter_abs_request
enter_fm
entry_attributes
entry_process
epro
equ
equal
equal_
erf
erf_
erflgs
erling
err.ec
error
error_handler_data
error_table_compiler
ertlst
establish_grammar_func
establish_operator
establish_verb
eswa_
ev_node
eval
eval_ec_if_test_
exdl_handler_
exec_com
exec_com_
executes
exerfc_
exists
exit_
exit_fm
exit_vb
exrd_handler_
exc_
exc_meter
expand
expand_

pl 012273
pl 052771
pl 012673
pl 051771
lp 120572
pl 110772
pl 060572
lp 081072
pl 112670
pl 011471
pl 121272
lc 121572
pl 121372
pl 083072
pl 121272
ol 042170
lp 081872
ft 101871

bound_admin_tools_
bound_qedx_
bound_uncl_
bound_simpl_rt_
bound_absentee_com_
bound_pl1_parse_
bound_pl1_semant_1_
bound_admin_routines_
bound_full_cp_
bound_fscom2_
bound_admin_routines_
bound_math_
bound_gasp_

bound_pl1_parse_

bound_uncl_
bound_mseg_commands_
bound_math_
bound_pl1_meter
bound_tl_term_

ip 091371
pl 120172
lp 062370
pl 051771
pl 051771
pl 051771
eb 031770
ip 052270
pl 051771
pl 070772
pl 011173
pl 070772
al 070772
pl 060872
pl 042170
pl 121372
pl 011471
ip 081072
pl 051771
pl 011173
pl 050371
pl 112670
pl 112272
pl 121372

bound_pl1_parse_
bound_uncl_cp_
bound_mseg_commands_
bound_full_cp_
bound_full_cp_
bound_simpl_sm_
bound_math_
bound_full_cp_
bound_pl1_utility_
bound_uncl_
bound_mseg_commands_
bound_math_
bound_pl1_meter
bound_tl_term_

> | dd> sss>>e 2
> | dd> t> s>e 2
> | dd> dev>>e 1
> | dd> am>>e 1
> | dd> include
> | dd> am>>e 1
> | dd> dev>>e 3
> | dd> include
> | dd> pl1>source>e 1
> | dd> pl1>e 1
> | dd> t> s>e 3
> | dd> include
> | dd> sss>>e 1
> | dd> sss>>e 1
> | dd> t> s>e 2
> | dd> sss>>e 1
> | dd> include
> | dd> am>>e 1
> | dd> include
> | dd> sss>>e 3
> | dd> t> s>e 3
> | dd> sss>>e 2
> | dd> sss>>e 2
> | dd> am>>e 2
> | dd> sss>>e 1
> | dd> sss>>e 1
> | dd> pl1>e 3
> | dd> include
> | dd> am>>e 1
> | dd> t> s>e 3
> | dd> sss>>e 1
> | dd> pl1>source>e 3
> | dd> t> s>e 1
> | dd> sss>>e 1

> | dd> include
> | dd> dev>>e 3
> | dd> include
> | dd> am>>e 1
> | dd> am>>e 1
> | dd> am>>e 1
> | dd> t> s>e 1
> | dd> include
> | dd> am>>e 1
> | dd> sss>>e 2
> | dd> t> s>e 3
> | dd> sss>>e 2
> | dd> sss>>e 2
> | dd> am>>e 2
> | dd> sss>>e 1
> | dd> sss>>e 1
> | dd> pl1>e 3
> | dd> include
> | dd> am>>e 1
> | dd> t> s>e 3
> | dd> sss>>e 1
> | dd> pl1>source>e 3
> | dd> t> s>e 1
> | dd> sss>>e 1

```

```

expand_initial      pl 112670
expand              pl 112670
expevl_            pl 121572
expmac
exponential        pl 112670
expression          pl 112670
ext_link_          pl 010573
extract            pl 041272
extref            ip 010573
fa                 ip 120170
fault_vector       ip 061770
fdata_nodes       ip 080472
fff               pl 112670
ffip              pl 031671
ffpb              pl 031671
fiddle_           pl 010973
file_attributes    pl 042472
file_man_based     ip 081072
file_man_locks    ip 081072
file_man_saved    ip 081072
file_output       pl 083072
file_output_unique pl 070271
file_obj          ip 0111073
file_system_meters pl 072872
filem             ft 101871
fileop            ip 042870
files             pl 051071
fill_urf         pl 052771
finalconv         pl 112670
find_acl_names_   pl 060271
find_command_error_ pl 060972
find_ex_acl_names_ pl 070871
find_fault_frame_ pl 103072
find_file         pl 051771
find_include_file_ pl 081572
find_line        pl 051771
find_op_         pl 103072
find_pattern     pl 051771
findn            ft 101871
findq            ft 101871
fix_temporary    pl 030171
fixed_no         pl 112670
fl
flipoer_        al 123071
bound_pl1_semant_1_
bound_pl1_parse_
bound_alm_
bound_pl1_cg_1_
bound_pl1_semant_1_
bound_pl1_parse_
bound_blinder_
bound_misc_metering_
bound_pl1_io_
bound_calc_
bound_calc_
bound_dartmouth_basic_
bound_pl1_parse_
bound_io_commands_
bound_misc_metering_
bound_gasp_
bound_admin_tools_
bound_access_commands_
bound_full_cp_
bound_mseg_commands_
bound_trace_stack_
bound_unc_
bound_tl_term_
bound_trace_stack_
bound_gasp_
bound_gasp_
bound_pl1_cg_
bound_pl1_semant_2_
bound_pl1_io_
bound_card_io_
> | dd> pl1>source>e1
> | dd> pl1>source>e1
> | dd> dev>s>e1
> | dd> pl1>source>e1
> | dd> pl1>source>e1
> | dd> dev>s>e1
> | dd> t>s>e2
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> pl1>source>f2
> | dd> dev>s>f1
> | dd> dev>s>f1
> | dd> dev>s>f2
> | dd> pl1>s>f1
> | dd> include
> | dd> include
> | dd> include
> | dd> sss>s>f1
> | dd> am>s>f1
> | dd> include
> | dd> t>s>f1
> | dd> am>s>f1
> | dd> include
> | dd> am>s>f1
> | dd> t>s>f1
> | dd> pl1>source>f2
> | dd> sss>s>f4
> | dd> sss>s>f2
> | dd> t>s>f1
> | dd> dev>s>f3
> | dd> am>s>f1
> | dd> sss>s>f2
> | dd> am>s>f1
> | dd> dev>s>f3
> | dd> am>s>f1
> | dd> am>s>f1
> | dd> am>s>f1
> | dd> pl1>s>f3
> | dd> pl1>source>f1
> | dd> sss>s>f4

```

```

fillpeer_din          pl 123071          bound_card_lo_
fillptab             al 080471          bound_card_lo_
float_no             pl 031171          bound_pl1_semant_2_
flt_bin_sort_       pl 112272          bound_prof_admin_
flush                ip 120572          bound_uncl_
fm                   pl 051771          bound_force_detach_
for_vb               pl 021971          bound_force_detach_
force_pr_inter_detach pl 022271          bound_pl1_semant_2_
force_tape_detach   pl 122170          bound_sss_utl1_
forced_conversion    pl 051872          bound_sss_utl1_
form_bind_mao_       pl 010973          bound_misc_commands_
form_link_info_      pl 103072          bound_od_
format_at_tributes_ ip 120170          bound_full_cp_
format_code_s        al 060371          bound_pl1_parse_
format_dump_line_    ip 082670          bound_admin_old_
format_item          pl 121972          bound_admin_old_
format_line          pl 112670          bound_full_cp_
format_list_parse    ip 120170          bound_pl1_parse_
format_node          pl 102472          bound_admin_old_
format_pdf           pl 102472          bound_admin_old_
format_sat           ip 080472          bound_full_cp_
format_value        ip 120170          bound_pl1_parse_
formats              ip 080772          bound_admin_old_
fortran              al 071671          bound_admin_old_
fortran_blast_       al 071671          bound_admin_old_
fortran_data_image  al 071671          bound_admin_old_
fortran_version_    al 071671          bound_admin_old_
free                 al 081071          bound_admin_old_
free_tree            pl 112670          bound_admin_old_
from_file_vb         pl 051771          bound_admin_old_
fs_chname            pl 122172          bound_admin_old_
fsb                  ip 120170          bound_admin_old_
fsdct                ll 120572          bound_admin_old_
fsmao                ll 073070          bound_admin_old_
ftn_lo_name_list_    pl 031871          bound_admin_old_
full_command_processor_ pl 070772          bound_admin_old_
full_find_command_   pl 121372          bound_admin_old_
function_at_tributes pl 112670          bound_admin_old_
function_proc        pl 112670          bound_admin_old_
gasp                 pl 101871          bound_admin_old_
gasp_common          ip 101871          bound_admin_old_
gasp_data_           al 101871          bound_admin_old_
gate_data_           pl 122072          bound_admin_old_
gate_sw              pl 122972          bound_admin_old_

```

```

> | dd> sss> s> f 4
> | dd> sss> s> f 2
> | dd> pl1> s> f 1
> | dd> t> s> f 1
> | dd> include
> | dd> am> s> f 1
> | dd> t> s> f 1
> | dd> t> s> f 1
> | dd> pl1> s> f 1
> | dd> sss> s> f 1
> | dd> sss> s> f 1
> | dd> dev> s> f 3
> | dd> include
> | dd> t> s> f 1
> | dd> include
> | dd> sss> s> f 3
> | dd> pl1> source> f 1
> | dd> include
> | dd> t> s> f 2
> | dd> t> s> f 2
> | dd> include
> | dd> include
> | dd> include
> | dd> dev> s> f 1
> | dd> sss> s> f 1
> | dd> am> s> f 1
> | dd> dev> s> f 1
> | dd> include
> | dd> include
> | dd> include
> | dd> dev> s> f 1
> | dd> sss> s> f 1
> | dd> sss> s> f 2
> | dd> pl1> source> f 1
> | dd> pl1> source> f 1
> | dd> am> s> g1
> | dd> include
> | dd> am> s> g1
> | dd> t> s> g1
> | dd> t> s> g1

```

```

bound_card_lo_
bound_card_lo_
bound_pl1_semant_2_
bound_prof_admin_
bound_uncl_
bound_force_detach_
bound_force_detach_
bound_pl1_semant_2_
bound_sss_utl1_
bound_sss_utl1_
bound_misc_commands_
bound_od_
bound_full_cp_
bound_pl1_parse_
bound_admin_old_
bound_admin_old_
bound_full_cp_
bound_pl1_parse_
bound_admin_old_
bound_pl1_parse_
bound_admin_old_
bound_gasp_
bound_gasp_
bound_misc_metering_
bound_misc_translatrs_

```

```

pl 123071
al 080471
pl 031171
pl 112272
ip 120572
pl 051771
pl 021971
pl 022271
pl 122170
pl 051872
pl 010973
pl 103072
ip 120170
al 060371
ip 082670
pl 121972
pl 112670
ip 120170
pl 102472
pl 102472
ip 080472
ip 120170
ip 080772
al 071671
al 071671
al 081071
pl 112670
pl 051771
pl 122172
ip 120170
ll 120572
ll 073070
pl 031871
pl 070772
pl 121372
pl 112670
pl 112670
pl 101871
ip 101871
al 101871
pl 122072
pl 122972

```

```

gauss
gc
gdt
gen_conv_call
gen_fmt
gen_hist
gen_p11_linkage
gen_p11_symbol
gen_st_card
general_ready
generate_def_
generate_first_ref_trans_
generate_mst
get_access_node
get_addr_
get_archive_file_
get_array_size
get_block_gf
get_block_node
get_bound_seg_info_
get_break_map_ptr_
get_cq_node
get_collection_
get_condition
get_conv
get_data_type
get_debug_segment
get_def_lth_
get_defptr
get_device_status
get_access_node
get_array_size
get_group_node
get_library_source
get_logical_line
get_name
get_offsets
get_operator_node
get_password_
get_pathname
get_primary_name_
get_raw_access_
get_rel_info_
get_seg_ptr_

ft 101871
lp 120170
pl 112670
pl 032671
pl 062371
pl 102472

pl 011173
pl 091472
pl 010573
pl 010573
pl 041172

pl 012673
pl 072472

pl 051771
pl 112670
pl 051872
pl 120672
pl 112670
pl 020372
pl 112670
pl 122170
e 111069
e 111069
al 012673
al 020372
pl 011173

pl 112670
pl 101272
pl 051771
pl 051771
pl 122071
pl 112670
pl 121272
pl 112272
pl 011173
pl 011673
pl 010573
pl 051071

bound_gasp_
bound_p11o_
bound_p11_cg_
bound_p11_cg_
bound_admin_old_
bound_p11_cg_1_
bound_p11_cg_1_
bound_misc_metering_
bound_blip_
bound_binder_
bound_binder_
bound_gm_
bound_p11_semant_2_
bound_qedx_
bound_lib_utility_
bound_p11_semant_2_
bound_uncl_
bound_p11_parse_
bound_sss_util_
bound_debug_
bound_p11_cg_
bound_ck_progs_
bound_p11_parse_
bound_p11o_
bound_sss_debug_
bound_sss_debug_
bound_ck_progs_
bound_ck_progs_

bound_p11_semant_2_
bound_p11_semant_2_
bound_p11_parse_
bound_lib_utility_
bound_uncl_

bound_p11_semant_2_
bound_p11_cg_
bound_admin_routes_
bound_active_fnc_
bound_lib_utility_

bound_binder_

> | dd > am > s > g2
> | dd > include
> | dd > p11 > source > g2
> | dd > p11 > s > g1
> | dd > p11 > s > g1
> | dd > t > s > g1

> | dd > t > s > g2
> | dd > am > s > g2
> | dd > dev > s > g1
> | dd > dev > s > g2
> | dd > t > s > g3

> | dd > dev > s > g1
> | dd > t > s > g2

> | dd > am > s > g1
> | dd > p11 > source > g1
> | dd > sss > s > g1
> | dd > dev > s > g2
> | dd > p11 > source > g1
> | dd > t > s > g2
> | dd > p11 > source > g1
> | dd > p11 > s > g2
> | dd > sss > s > g1
> | dd > sss > s > g1
> | dd > t > s > g2
> | dd > t > s > g3
> | dd > t > s > g2

> | dd > p11 > source > g1
> | dd > t > s > g1
> | dd > am > s > g1
> | dd > am > s > g1
> | dd > p11 > s > g1
> | dd > p11 > source > g1
> | dd > t > s > g3
> | dd > sss > s > g1
> | dd > t > s > g3
> | dd > t > s > g3
> | dd > dev > s > g1
> | dd > am > s > g1

```

```

get_semantics          pl 022471  bound_pl1_semant_2_
get_size              pl 112670  bound_pl1_semant_2_
get_statement_node    pl 112670  bound_pl1_cg_
get_sym               pl 083072  bound_debug_
get_system_free_area_ pl 050572  bound_fscom1_
get_temp_seg         pl 112670  bound_teco_
get_temporary_node   pl 051771  bound_pl1_parse_
get_type_description pl 052771  bound_admin_tools_
get_uid_with_lastname pl 041972  bound_admin_tools_
get_user            pl 120172  bound_al_m_
get_bit            al 031771  bound_al_m_
get_id            pl 060871  bound_graphics_
gf_dump          pl 061871  bound_graphics_
gf_input        pl 022472  bound_graphics_
gf_in           al 031671  bound_graphics_
gf_in_t        ip 071872  bound_graphics_
glob_dskdcl    ip 111472  bound_graphics_
glob_dsul70 dcl ip 111472  bound_graphics_
glob_dsu270 dcl ip 100672  bound_graphics_
glob_imp_dcw_list ip 101872  bound_graphics_
glob_pntseg    ip 111670  bound_graphics_
glob_status    ip 033172  bound_graphics_
glob_fdseg     pl 091671  bound_graphics_
global         pl 123071  bound_graphics_
globe         al 120172  bound_graphics_
glob         al 060971  bound_graphics_
gm_data       pl 112671  bound_graphics_
gm_error      tx 060971  bound_graphics_
gm_path_list  pl 111871  bound_graphics_
gm_util1      pl 020471  bound_graphics_
gm_util2      pl 020471  bound_graphics_
gm_write_first_seg_ gr_prInt  pl 111372  bound_graphics_
grammar       tx 051771  bound_graphics_
graphix       ip 013172  bound_graphics_
group         le 092569  bound_graphics_
group_meter   pl 112670  bound_graphics_
gs           ip 042170  bound_graphics_
gsc         pl 101372  bound_graphics_
gsm        pl 122172  bound_graphics_
gstat      pl 080671  bound_graphics_
gui        pl 091771  bound_graphics_
hard_control          pl 112772  bound_graphics_
hash_                pl 112772  bound_graphics_

```

```

> | dd> pl1> s> g1
> | dd> pl1> source> g1
> | dd> sss> s> g1
> | dd> am> s> g1
> | dd> pl1> source> g1
> | dd> am> s> g2
> | dd> t> s> g2
> | dd> t> s> g2
> | dd> dev> s> g3
> | dd> dev> s> g2
> | dd> dev> s> g2
> | dd> dev> s> g2
> | dd> dev> s> g4
> | dd> dev> s> g2
> | dd> Include
> | dd> Include
> | dd> Include
> | dd> Include
> | dd> Include
> | dd> Include
> | dd> sss> s> g1
> | dd> am> s> g2
> | dd> dev> s> g3
> | dd> t> s> g2
> | dd> t> s> g2
> | dd> t> s> g2
> | dd> t> s> g2
> | dd> t> s> g2
> | dd> t> s> g2
> | dd> dev> s> g3
> | dd> am> s> g2
> | dd> Include
> | dd> Include
> | dd> pl1> source> g3
> | dd> Include
> | dd> dev> s> g1
> | dd> dev> s> g1
> | dd> am> s> g1
> | dd> dev> s> g4
> | dd> t> s> h1

```

hash_index	al	092972	bound_user_control_	> dd> t> s> h1
hash_table	pl	052771	bound_admin_tools_	> dd> t> s> h1
hashsft	lp	033071		> dd> Include
hbound_	eb	112770		> dd> t> s> h1
head	ib	081872	bound_io_daemon_	> dd> Include
head_sheet_	pl	011673		> dd> t> s> h1
header	lb	032971		> dd> Include
header_dump_	pl	090971	bound_dartmouth_tools_	> dd> t> s> h1
header_meld	pl	040270	bound_updater_	> dd> t> s> h1
help	pl	072872		> dd> sss> s> h1
hist	lp	081171	bound_gasp_	> dd> Include
histp	ft	101871	bound_misc_commands_	> dd> am> s> h1
home_dir	pl	071172	bound_network_logger_	> dd> dev> s> h1
host_ld_	pl	042572		> dd> t> s> h1
host_table				
icref			bound_crossref_	> dd> am> s> i1
icvtf	pl	051771	bound_uncl_	
idsort_	pl	042170	bound_proj_admin_	> dd> sss> s> i1
lexp_	pl	011173	bound_math_	> dd> t> s> i2
if	pl	112670		> dd> pl1> source> i1
if_parse	lp	100672	bound_pl1_parse_	> dd> Include
imo_dcm_data	lp	100672		> dd> Include
imo_dim_buf	lp	100672		> dd> Include
imo_dim_data	lp	100672		> dd> Include
imp_him	lp	100672		> dd> Include
imo_host_table	lp	100672		> dd> Include
imo_ihm	lp	100672		> dd> Include
imo_lnk_tables	lp	100672		> dd> Include
imo_macros				
imo_ms	lp	100672		> dd> Include
imo_network_daemon	lp	100672		> dd> Include
imo_queues	lp	100672		> dd> Include
imp_read	lp	100672		> dd> Include
imo_wired_buffers	lp	100672		> dd> Include
imo_write	lp	100672		> dd> Include
imollicit_dcl	pl	112670	bound_pl1_semant_2_	> dd> pl1> source> i1
in_format_vb	pl	051771	bound_uncl_	> dd> am> s> i1
incorporate_options_	pl	010573	bound_binder_	> dd> dev> s> i1
ind	pl	091472		> dd> am> s> i1
index	pl	070772	bound_full_cp_	> dd> sss> s> i1
index_	eb	112770		> dd> t> s> i2
index_set	pl	070772	bound_full_cp_	> dd> sss> s> i1
init	ie	122970		> dd> Include
init_UNCL	pl	051771	bound_uncl_	> dd> am> s> i2

lom_tape_data	ip	033172			> dd> Include
lomode	pl	083072			> dd> s>s> 1
lpc_message_facility_	pl	120771		bound_io_commands_	> dd> am>s> 2
lps	il	092870			> dd> Include
lps_mask_data	il	011371			> dd> Include
ls_he_user	pl	121272		bound_admin_routines_	> dd> t>s> 1
ls_legal_proj	pl	121272		bound_admin_routines_	> dd> t>s> 1
lts	lp	092970			> dd> Include
lft_equs	il	073070			> dd> Include
lump_op				bound_pl1_semant_2_	
kst_entry	ip	091371			> dd> Include
kst_header	il	091371			> dd> Include
kst_util	lp	091371			> dd> Include
kw_tr	pl	060872		bound_simpl_tr_	> dd> am>s>k1
kywd	pl	060872		bound_simpl_rt_	> dd> am>s>k1
labarg	ip	062370			> dd> Include
label	lp	080472			> dd> Include
label_distance	pl	112670		bound_pl1_cg_	> dd> pl1>source> 1
label_search	pl	112670		bound_pl1_parse_	> dd> pl1>source> 1
label1	pl	121272		bound_admin_routines_	> dd> t>s> 2
language_utility	lp	011773			> dd> Include
languages.control					
languages.object.control					
lar_util_	pl	061272		bound_absentee_com_	> dd> dev>s> 2
latf	ip	042870			> dd> Include
lay_down_entry_finder	pl	051771			> dd> am>s> 4
lbound_	eb	112770			> dd> t>s> 2
lc_compute_result_	pl	020372			> dd> dev>s> 5
lc_constants_	pl	110371			> dd> dev>s> 5
lc_entries_				bound_ils_compiler_	
lc_labels_				bound_ils_compiler_	
lc_load_				bound_ils_compiler_	
lc_output_				bound_ils_compiler_	
lc_store_arg_				bound_ils_compiler_	
lc_test_condition_				bound_ils_compiler_	
lc_variables_				bound_ils_compiler_	
lccall	ip	062370			> dd> Include
lccom	ip	062370			> dd> Include
lccdef	ip	062370			> dd> Include
lchead	ip	062370			> dd> Include
lclit	ip	062370			> dd> Include
lcrk	ip	062370			> dd> Include
lcrst	ip	062370			> dd> Include
lcrtx	ip	062370			> dd> Include

lisp_property_fns_	pl	061671	bound_lisp_	> d > dev > s > 4
lisp_ptr_fmt	lp	051071	bound_lisp_	> d > dev > s > 4
lisp_save_	pl	072771	bound_lisp_	> d > dev > s > 4
lisp_segment_manager_	pl	051071	bound_lisp_	> d > dev > s > 1
lisp_special_fns_	pl	062171	bound_lisp_	> d > dev > s > 1
lisp_stack_fmt	ip	061671	bound_lisp_	> d > dev > s > 1
lisp_standard_environment_	ip	072671	bound_lisp_	> d > dev > s > 1
lisp_static_seg_hdr	ip	072671	bound_lisp_	> d > dev > s > 2
lisp_static_vars_	al	072671	bound_lisp_	> d > dev > s > 2
lisp_string_fmt	ip	051071	bound_lisp_	> d > dev > s > 1
lisp_subr_fmt	ip	072671	bound_lisp_	> d > dev > s > 2
lisp_utils_	pl	072671	bound_fscom1_	> d > sss > s > 1
lisp	pl	121272	bound_absentee_com_	> d > dev > s > 6
lisp.teco			bound_debug_	> d > dev > s > 3
lisp_abs_requests	pl	101272	bound_sss_debug_	> d > sss > s > 1
lisp_arg_	pl	111372	bound_trace_stack_	> d > dev > s > 7
lisp_arguments	e	012870	bound_trace_stack_	> d > dev > s > 7
lisp_frame_args_	pl	103072	bound_misc_commands_	> d > dev > s > 6
lisp_onunits_	pl	103072	bound_misc_metering_	> d > t > s > 2
lisp_ref_names	pl	112472	bound_access_commands_	> d > sss > s > 1
lisp_sub_tree	pl	012373	bound_access_commands_	> d > t > s > 3
lispaci	pl	112272	bound_listing_tape_	> d > t > s > 1
lispacal		090870	bound_alim_	> d > t > s > 3
listing_tape_dictionary	pl	072072	bound_lib_utility_	> d > dev > s > 3
lispvl_	pl	120172	bound_lib_utility_	> d > t > s > 1
lispaci	pl	011173	bound_lib_utility_	> d > t > s > 3
lispnames	pl	041072	bound_pl1_cg_2_	> d > pl1 > source > 1
load			bound_pl1_cg_	> d > t > s > 2
load_bp	pl	112670	bound_pl1_cg_	> d > t > s > 2
load_ctl_	pl	112772	bound_user_control_	> d > t > s > 1
load_ctl_status	pl	032872	bound_admin_tools_	> d > t > s > 2
loading_summary_	pl	062571	bound_ck_progs_	> d > t > s > 2
localize_vb	pl	051771	bound_uncl_	> d > am > s > 4
locat	ft	101871	bound_gasp_	> d > am > s > 3
locate	pl	051771	bound_uncl_	> d > am > s > 3
lock_array	lp	120572	bound_math_	> d > include
lock_seg	ip	120572	bound_network_logger_	> d > include
log_	pl	042170	bound_math_	> d > sss > s > 1
logger_	pl	101872	bound_network_logger_	> d > t > s > 2
logtbl	ip	101972	bound_pl1_cg_	> d > include
long_op	pl	112670	bound_pl1_cg_	> d > pl1 > source > 1
look_up	pl	052171	bound_pl1_semant_2_	> d > pl1 > s > 1
lookup_attribute_	pl	102472	bound_proj_admin_	> d > dev > s > 7
lpatch	pl	011173	bound_lib_utility_	> d > t > s > 3

```

lrename
lsetacl
lsm_
lsm_dec
lsm_fs_
lsm_sym_
lss_command_list_
lss_login_responder_
lstcom
lstman_
ltoken
lts_build_
lts_file_
lts_output_
lts_tables
lts_tape_
m_a
machine
machine_state
macro_table
mail
mailing_labels
make_UNCL_string
make_alm_object_map_
make_bindmap_
make_bound_object_map_
make_commands
make_datt
make_defs_
make_desc
make_eaft
make_entry
make_id
make_latt
make_mod
make_obj_map_
make_object_map_
make_peruse_text
make_plio_messages
make_reference
make_symbol_section
mask
master.ec
mat

pl 120172 bound_lib_utility_
pl 120172 bound_lib_utility_
pl 040271 bound_lsm_
lp 070370
pl 040271 bound_lsm_
pl 122172 bound_lsm_
tx 052672 bound_lss_
pl 110972 bound_alm_
lp 062370
pl 083072 bound_llisting_tape_
lp 101072 bound_llisting_tape_
pl 072072 bound_llisting_tape_
pl 011173 bound_llisting_tape_
pl 011173 bound_llisting_tape_
lp 072072 bound_pl1_cg_2_
pl 011173
lp 080472 bound_pl1_cg_2_
lp 080472
pl 061272 bound_admin_routines_
pl 121272 bound_uncl_
pl 051771 bound_alm_
pl 081872 bound_binder_
pl 010573 bound_binder_
pl 010573
pl 120172 bound_pl1_parse_
pl 112670 bound_binder_
pl 010573 bound_pl1_cg_
pl 112670 bound_pl1_parse_
pl 112670
pl 051771 bound_uncl_
pl 051771 bound_pl1_cg_
pl 112670 bound_pl1_cg_2_
pl 060271 bound_tl_term_
pl 060371 bound_tl_term_
pl 040672 bound_peruse_text_
pl 112670
pl 112670 bound_pl1_semant_2_
pl 051771
lp 011773
lp 061970

```

```

> | dd> t> s> | 2
> | dd> t> s> | 1
> | dd> dev> s> | 3
> | dd> include
> | dd> dev> s> | 3
> | dd> dev> s> | 4
> | dd> sss> s> | 2
> | dd> sss> s> | 2
> | dd> include
> | dd> dev> s> | 3
> | dd> include
> | dd> t> s> | 5
> | dd> t> s> | 4
> | dd> t> s> | 4
> | dd> include
> | dd> t> s> | 4
> | dd> include
> | dd> include
> | dd> dev> s> m1
> | dd> t> s> m4
> | dd> am> s> m3
> | dd> dev> s> m3
> | dd> dev> s> m1
> | dd> dev> s> m4
> | dd> sss> s> m1
> | dd> pl1> source> m1
> | dd> dev> s> m1
> | dd> pl1> source> m1
> | dd> pl1> source> m1
> | dd> am> s> m2
> | dd> am> s> m2
> | dd> pl1> source> m1
> | dd> sss> s> m1
> | dd> sss> s> m1
> | dd> dev> s> m4
> | dd> pl1> source> m2
> | dd> pl1> source> m1
> | dd> am> s> m3
> | dd> include
> | dd> include

```

```

match_argument      pl 112670
max_arg_no         pl 092872
mc                 ip 111670
mcc_               al 123071
mcc_dim            pl 031672
memo               pl 080772
merg               pl 102472
merge_             pl 081872
merge_attributes   ip 080472
merge_urf_cnt      pl 052771
message_info       ip 062672
message_segment_  gt 061572
message_segment_create pl 070871
message_segment_delete pl 011173
message_segment_listacl pl 011173
message_segment_rename pl 011173
message_segment_setacl pl 011273
message_table_compiler pl 011271
meter_fim         pl 101271
meter_gate        pl 121372
meter_signal      pl 011173
meter_util_       pl 041272
mgt               ip 061372

min_max
mini_glim_data    ip 101070
misc              pl 121272
miscfile          ip 052871
mmct              le 061369
modev1_           pl 081872
montr             ft 101871
movstr_          eb 112770
mqed              pl 020470
mr1               bc 032971
mr2               bc 032971
mr3               bc 032971
mr4               bc 032971
mr5               bc 032971
mr6               bc 032971
mr7               bc 032971
mrhead           ib 032971
mrmain           bc 032971
ms_              eb 022770
ms_block_hdr     ip 062571
ms_block_trailer ip 062571

bound_pl1_semant_2_
bound_pl1_cg_2_
bound_card_io_
bound_card_io_
bound_admin_old_
bound_alm_
bound_admin_tools_
bound_mmsg_commands_
bound_mmsg_commands_
bound_mmsg_commands_
bound_mmsg_commands_
bound_mmsg_commands_
bound_misc_translats_
bound_misc_metering_
bound_misc_metering_
bound_pl1_cg_2_
bound_admin_routines_
bound_alm_
bound_gasp_
bound_qed
bound_runoff_
bound_runoff_
bound_runoff_
bound_runoff_
bound_runoff_
bound_runoff_
bound_runoff_
bound_runoff_
bound_runoff_

```

```

> | dd> pl1>source> m1
> | dd> pl1>s>m1
> | dd> include
> | dd> sss>s>m1
> | dd> t>s>m2
> | dd> am>s>m2
> | dd> t>s>m4
> | dd> dev>s>m1
> | dd> include
> | dd> t>s>m4
> | dd> include
> | dd> dev>s>m3
> | dd> t>s>m2
> | dd> t>s>m4
> | dd> t>s>m4
> | dd> t>s>m4
> | dd> t>s>m4
> | dd> t>s>m2
> | dd> t>s>m2
> | dd> t>s>m5
> | dd> t>s>m2
> | dd> t>s>m1
> | dd> include
> | dd> include
> | dd> t>s>m4
> | dd> include
> | dd> dev>s>m1
> | dd> am>s>m3
> | dd> t>s>m2
> | dd> cs>s>m1
> | dd> am>s>m1
> | dd> am>s>m1
> | dd> am>s>m1
> | dd> am>s>m1
> | dd> am>s>m2
> | dd> am>s>m3
> | dd> am>s>m2
> | dd> include
> | dd> am>s>m1
> | dd> t>s>m1
> | dd> include
> | dd> include

```

```

ms_sav_util_          pl 062571  bound_mseg_
ms_savlager_         pl 031472  bound_mseg_
mseg_                pl 011573  bound_mseg_
mseg_access_        pl 011573  bound_mseg_
mseg_add_            pl 062571  bound_mseg_
mseg_chname_        pl 100171  bound_mseg_
mseg_constants      ip 062571  bound_mseg_
mseg_data_          al 062571  bound_mseg_
mseg_hdr            ip 062571  bound_mseg_
mseg_initiate_      pl 061572  bound_mseg_
mseg_meter_data_   al 102671  bound_mseg_
mseg_own_           pl 011573  bound_mseg_
mseg_util_         pl 062571  bound_mseg_
msl_add             pl 011173  bound_msl_
msl_global_format  pl 100771  bound_msl_
msl_short_format   pl 011173  bound_msl_
msl_transmbg       pl 111771  bound_msl_
msl_ud              pl 011173  bound_msl_
msl_update         pl 011173  bound_updater_
msl_util           pl 011173  bound_msl_
msl_util1          pl 021671  bound_msl_
mst
mst_util           e 112169  bound_pl1_cg_2_
msu_
multics_645_assembler_ pl 011573  bound_mseg_
multics_wdlr       e 120172  bound_al_m_
mxcall            ip 033070  bound_pl1_cg_2_
mxclbk            ip 062370  bound_misc_commands_
mxoro             ip 062370  bound_pl1_cg_2_
mxsave            ip 062370  bound_misc_commands_
name_assign       pl 072371  bound_user_network_
names             ip 100672  bound_user_network_
ncp_global_dt     ip 092371  bound_fscom2_
ncp_info_order   ip 100672  bound_network_logger_
ncp_macros        pl 100272  bound_network_logger_
ncp_struct_defs  pl 040171  bound_network_logger_
ncp_sym_          pl 083072  bound_network_logger_
ncp_test         pl 101872  bound_network_logger_
nd_handler_       ip 100672  bound_network_logger_
net_converter_   pl 082872  bound_network_logger_
net_db_dec       pl 082872  bound_network_logger_
net_driver       pl 101872  bound_network_logger_
net_log_        pl 101872  bound_network_logger_
net_ty_

```

```

> | dd> dev> s> m2
> | dd> dev> s> m2
> | dd> dev> s> m1
> | dd> dev> s> m2
> | dd> dev> s> m1
> | dd> dev> s> m3
> | dd> include
> | dd> dev> s> m3
> | dd> include
> | dd> dev> s> m4
> | dd> dev> s> m3
> | dd> dev> s> m2
> | dd> dev> s> m2
> | dd> t> s> m3
> | dd> t> s> m5
> | dd> t> s> m3
> | dd> t> s> m3
> | dd> t> s> m5
> | dd> t> s> m5
> | dd> t> s> m3
> | dd> t> s> m5
> | dd> t> s> m4
> | dd> dev> s> m2
> | dd> dev> s> m1
> | dd> t> s> m5
> | dd> include
> | dd> include
> | dd> include
> | dd> dev> s> n1
> | dd> include
> | dd> include
> | dd> include
> | dd> dev> s> n1
> | dd> dev> s> n1
> | dd> sss> s> n1
> | dd> t> s> n2
> | dd> include
> | dd> t> s> n2
> | dd> t> s> n2
> | dd> t> s> n1

```

```

netcall
netlog
new_error_table_compiler
new_sfhedr_
new_user
nice_e_format
nlib
node_search
nodes
npasn
nstd_
nstd_dim
nftydin_
ntw_
nucell
nx
nxhead
nxt_el
obj_map
object_
object_info_
object_info_
object_map_
object_test_
objinfo
octevl_
od_print_
offfun
offlist
old_make_bindmap_
old_print_lnk_info
old_rebuild_object_
old_relocate_symbol_
on_begin_parse
on_data_
on_parse
on_prefix_proc
on_statement_proc
ondata_
online_consultant
online_consultant_edit
online_consultant_on
online_dump
op

pl 100272
ip 082972

a1 120172
pl 122972
pl 051771
bc 020570
pl 112670
ip 080472
ft 101871
a1 011873
pl 122972
pl 110972

pl 051771
bc 032971
lb 032971
ol 060872
ip 051872
a1 120172
lp 062672
pl 100372
lp 081872
pl 013073
lp 081872
ol 031771
ol 061471
le 072869
lp 061670
pl 010573

pl 010573
pl 010573
pl 112670
ip 050872
pl 121670
pl 112670
pl 112670
a1 050872
pl 012673
pl 012673
pl 012673
pl 052372
le 072869

bound_user_network_
bound_alm_
bound_admin_rout_ines_
bound_unc1_
bound_bcpl_library_
bound_pl1_meter
bound_gasp_
bound_nstd_
bound_nstd_
bound_network_logger_
bound_network_logger_
bound_unc1_
bound_runoff_
bound_simpl_tr_
bound_alm_
bound_sss_util_
bound_submission_test_
bound_alm_
bound_od_
bound_binder_
bound_sss_util_
bound_binder_
bound_binder_
bound_pl1_parse_
bound_pl1_parse_
bound_pl1_semant_2_
bound_pl1_semant_2_
bound_pl1_signal_
bound_consultant_
bound_consultant_
bound_consultant_
bound_od_

> | dd> dev> s> n3
> | dd> include
> | dd> dev> s> n3
> | dd> t> s> n1
> | dd> am> s> n1
> | dd> cs> s> n1
> | dd> pl1> source> n3
> | dd> include
> | dd> am> s> n1
> | dd> sss> s> n1
> | dd> sss> s> n1
> | dd> t> s> n1
> | dd> am> s> n1
> | dd> include
> | dd> dev> s> 01
> | dd> include
> | dd> sss> s> 01
> | dd> include
> | dd> t> s> 01
> | dd> include
> | dd> dev> s> 02
> | dd> t> s> 01
> | dd> include
> | dd> include
> | dd> dev> s> 02
> | dd> dev> s> 02
> | dd> pl1> source> 01
> | dd> include
> | dd> pl1> s> 01
> | dd> pl1> source> 01
> | dd> pl1> source> 01
> | dd> pl1> s> 02
> | dd> am> s> 01
> | dd> am> s> 01
> | dd> am> s> 01
> | dd> t> s> 01
> | dd> include

```

```

op_codes
op_mnemonic
opcd
operator
operator_names
oplook_
oprd
optimizer
option
os_control
outst
out_graf
outout
page_info
page_multilevel_meters
page_trace
pabbit_
param
parameter
parse
parse_bindfile_
parse_entry_vector
parse_file_
parse_link_vector
parse_pl_stat
parse_scan
parse_search_rules_
pass1_
pass2_
pass_util
patch
patch_dart_sequence_number_
patch_ring_zero
path
pbuf
pd
pdir
pdf
pdf_copy
peruse_text
phase2_lang
picture_constant
pmsgs
pix_display_

ip 011773
ip 122170
ip 080472

al 120172
le 072869
pl 080271
ip 010573

pl 060872
pl 060872
ll 021072
pl 041272
pl 041072
pl 081872
le 072869
ip 071671
ip 011773
pl 010573
al 012973
pl 120172
al 012973
al 112670
e 111069
pl 010672
pl 120172
pl 081872
pl 121272
e 121069
pl 090971
pl 110970
pl 113072
ip 033172
pl 060371
e 030670
ip 122972
pl 121272
pl 051772
tx 051771
ip 011773
ip 120172
pl 091671

bound_pl1_cg_2_
bound_pl1_cg_2_
bound_al_m_
bound_pl1_cg_2_

bound_simpl_rt_
bound_simpl_fr_
bound_misc_metering_
bound_metering_
bound_al_m_

bound_pl1_parse_
bound_blinder_

bound_sss_debug_
bound_search_rules_
bound_al_m_
bound_al_m_
bound_admin_routes_
bound_sss_debug_
bound_dartmouth_tools_
bound_hardcore_db_
bound_full_cp_

bound_active_fnc_

bound_pl1o_
bound_admin_routes_
bound_peruse_text_

> | dd> include
> | dd> include
> | dd> include
> | dd> dev>s>p1
> | dd> include
> | dd> pl1>s>p1
> | dd> include
> | dd> am>s>p1
> | dd> am>s>p1
> | dd> include
> | dd> t>s>p3
> | dd> dev>s>p3
> | dd> dev>s>p3
> | dd> include
> | dd> include
> | dd> dev>s>p1
> | dd> pl1>s>p3
> | dd> sss>s>p2
> | dd> pl1>s>p3
> | dd> pl1>source>p1
> | dd> sss>s>p1
> | dd> dev>s>p3
> | dd> dev>s>p1
> | dd> dev>s>p2
> | dd> t>s>p4
> | dd> sss>s>p1
> | dd> t>s>p2
> | dd> t>s>p1
> | dd> sss>s>p2
> | dd> include
> | dd> sss>s>p3
> | dd> t>s>p1
> | dd> include
> | dd> t>s>p4
> | dd> dev>s>p5
> | dd> am>s>p3
> | dd> include
> | dd> include
> | dd> am>s>p1

```



```

plot_          pl 031671
plus          pl 070772
pmali
pmap         pl 050872
pmsm        pl 110971
pnt         lp 122972
poc645      tx 090569
postol_     pl 081872
posto2_     pl 081872
power_10    al 120170
power_of_two
ppp         pl 112670
ppro        pl 052771
pre_page_meters
pre_page_on pl 041272
prepare_symbol_map
pri         lp 121670
pri_info    ip 051071
print       pl 083072
print_aprt_entry
print_args  pl 050572
print_aste_ptp
print_attach_table
print_bind_map
print_command_usage
print_configuration_deck
print_disk pl 112472
print_dump_seg_name_
print_dump_tape
print_enter lp 081072
print_entry_usage
print_err_code
print_err_message
print_exit lp 081072
print_it    pl 082170
print_link_info
print_linkage_usage
print_log pl 103172
print_login_dir
print_meters
print_motd pl 091671
print_object_map
print_odt pl 121372
print_odt pl 102472
print_odt pl 021072

bound_graphics_
bound_full_cp_
bound_plio_
bound_pl1_signal_

bound_alm_
bound_alm_
bound_plio_
bound_pl1_cg_2_
bound_plio_
bound_admin_tools_
bound_misc_metering_
bound_metering_
bound_pl1_cg_2_

bound_fscom1_
bound_misc_metering_
bound_sss_debug_
bound_misc_metering_
bound_io_commands_
bound_sss_util_
bound_misc_metering_
bound_misc_metering_
bound_admin_routines_
bound_od_

bound_misc_commands_
bound_misc_metering_

bound_sss_debug_
bound_sss_util_
bound_sss_util_
bound_admin_tools_

bound_admin_routines_

bound_sss_util_
bound_proj_admin_
bound_admin_tools_

> | dd> dev> s> p1
> | dd> sss> s> p4
> | dd> pl1> s> p3
> | dd> t> s> p3
> | dd> include
> | dd> sss> s> p1
> | dd> dev> s> p2
> | dd> dev> s> p2
> | dd> pl1> source> p2
> | dd> pl1> source> p2
> | dd> t> s> p2
> | dd> t> s> p1
> | dd> t> s> p1
> | dd> dev> s> p3
> | dd> include
> | dd> include
> | dd> sss> s> p2
> | dd> t> s> p1
> | dd> sss> s> p1
> | dd> t> s> p1
> | dd> sss> s> p3
> | dd> sss> s> p2
> | dd> t> s> p3
> | dd> t> s> p1
> | dd> t> s> p2
> | dd> t> s> p2
> | dd> t> s> p3
> | dd> include
> | dd> dev> s> p1
> | dd> include
> | dd> include
> | dd> sss> s> p5
> | dd> sss> s> p2
> | dd> sss> s> p1
> | dd> t> s> p2
> | dd> am> s> p2
> | dd> t> s> p1
> | dd> am> s> p1
> | dd> sss> s> p2
> | dd> dev> s> p4
> | dd> t> s> p1

```

```

print_relocation_info      pl 051071      bound_admin_tools_
print_sat                  pl 041972      bound_sss_debug_
print_seg_info             pl 063070      bound_trace_stack_
print_source_line_        pl 103072      bound_io_daemon_
print_er_dim_              pl 091472      bound_alm_
prlst_                     pl 081872      bound_alm_
prnam_                     pl 031771      bound_alm_
prnter_                    pl 120172      bound_alm_
prntq_                      ft 101871      bound_gasp_
prrobe                      pl 051471      bound_full_cp_
proc_brackets_            pl 060972      bound_simpl_rft_
proc_init                  pl 060872      bound_full_cp_
proc_parens_              pl 060972      bound_full_cp_
proc_quotes_              pl 060972      bound_pl1_parse_
procedure_parse            pl 112670      bound_pl1_semant_2_
process_allocate          pl 112670      bound_admin_old_
process_daemon_cards      pl 102472      bound_pl1_parse_
process_entry             pl 112670      bound_full_cp_
process_inout_string_     pl 070772      bound_pl1_semant_2_
process_refer              pl 112670      bound_admin_old_
process_session_cards     pl 102472      bound_gasp_
prodq                      ft 101871      bound_misc_commands_
profile_data_             pl 080772      bound_admin_routes_
profile_entry             lp 100672      bound_proj_admin_
program_interrupt         pl 060371
proj_admin_seg            pl 121272
proj_mtd                   lp 071972
proj_usage_report         pl 062072
profile                   al 110271
prs                         pl 120172
prtchr                     e 042370
ortdim_                    lp 120170
prwrdr_                    lp 080472
ps                           ie 061369
ps_incl                     ie 061369
ps_map                      pl 062571
psite                       ll 021072
pst                          pl 031771
ptr_ls_good                al 081771
ptr_ls_good_              pl 121071
ptw
pmlink_
pwn21_
pwn21_dim

```

```

> | dd> am> s> p3
> | dd> t> s> p1
> | dd> sss> s> p3
> | dd> dev> s> p4
> | dd> t> s> p3
> | dd> dev> s> p3
> | dd> dev> s> p3
> | dd> dev> s> p3
> | dd> am> s> p1
> | dd> sss> s> p2
> | dd> sss> s> p1
> | dd> am> s> p2
> | dd> sss> s> p3
> | dd> sss> s> p2
> | dd> pl1> source> p1
> | dd> pl1> source> p1
> | dd> t> s> p4
> | dd> pl1> source> p1
> | dd> sss> s> p4
> | dd> pl1> source> p1
> | dd> t> s> p4
> | dd> am> s> p1
> | dd> dev> s> p4
> | dd> include
> | dd> sss> s> p3
> | dd> t> s> p2
> | dd> include
> | dd> pl1> s> p2
> | dd> t> s> p3
> | dd> dev> s> p3
> | dd> am> s> p3
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> dev> s> p3
> | dd> include
> | dd> dev> s> p3
> | dd> sss> s> p3
> | dd> sss> s> p3

```

punch_MIT_deck	pl 102472	bound_admin_billing_	> dd> t> s> p2
pusmb_	pl 031771	bound_alm_	> dd> dev> s> p3
out_util	pl 120470	bound_plio_	> dd> pl1> s> p2
out_val	pl 042271	bound_plio_	> dd> pl1> s> p2
outout	pl 051771	bound_uncl_	> dd> am> s> p2
outout_	pl 120172	bound_alm_	> dd> dev> s> p3
putxt_	pl 031771	bound_alm_	> dd> dev> s> p3
ove	pl 120470	bound_plio_	> dd> pl1> s> p2
oxss_page_s_tack	ll 110872		> dd> include
qed0	bc 020470	bound_qed	> dd> cs> s> q1
qed1	bc 020470	bound_qed	> dd> cs> s> q1
qed2	bc 020470	bound_qed	> dd> cs> s> q1
qed3	bc 020470	bound_qed	> dd> cs> s> q1
qedx	pl 012673	bound_qedx_	> dd> dev> s> q1
qfo	pl 061471	bound_admin_tools_	> dd> t> s> q1
qsbcol	bc 061970	bound_qed	> dd> am> s> q1
qsio	pl 032370	bound_qed	> dd> am> s> q1
query	pl 121972	bound_full_co_	> dd> sss> s> q1
quick_info	ip 011773		> dd> include
quit_process_ld	e 111069	bound_sss_debug_	> dd> sss> s> q1
rand	ip 082670		> dd> include
rand_info	pl 021871	bound_pl1_cg_	> dd> pl1> s> r1
random_	al 120172		> dd> dev> s> r1
raw_	al 123071	bound_card_io_	> dd> sss> s> r2
raw_dim	pl 123071	bound_card_io_	> dd> sss> s> r2
rdr21	al 101871	bound_card_io_	> dd> sss> s> r2
rdr21_dim	pl 123071	bound_card_io_	> dd> sss> s> r2
read_block_size	pl 051771		> dd> am> s> r2
read_cards	pl 082870	bound_card_io_	> dd> sss> s> r1
read_confly_	pl 092972	bound_user_control_	> dd> t> s> r2
read_dart_faoe_file_	pl 090971	bound_dartmouth_tools_	> dd> t> s> r2
read_llst_	pl 120172		> dd> sss> s> r1
read_pattern	pl 051771		> dd> am> s> r1
read_sentence	pl 051771		> dd> am> s> r1
read_string_blf	pl 051771		> dd> am> s> r2
read_test	pl 051771	bound_uncl_	> dd> am> s> r1
ready	pl 060672		> dd> sss> s> r2
real_gasps	ft 101871	bound_gasps_	> dd> am> s> r2
rebuild_object_	pl 010573	bound_blnder_	> dd> am> s> r2
reconfigure	pl 081070		> dd> dev> s> r1
record_command_usage_	pl 051072		> dd> dev> s> r1
record_context	pl 112670	bound_pl1_parse_	> dd> pl1> source> r1
ref	ie 072869		> dd> include
refer_expression	pl 112670	bound_pl1_parse_	> dd> pl1> source> r1

reference	ip	080472	bound_pl1_parse_	> dd> include
reference_proc	pl	112670	bound_pl1_semant_2_	> dd> pl1>source>r1
reformat_line	pl	092471		> dd> am>s>r1
registers.teco				
renash_	pl	092972	bound_user_control_	> dd> t>s>r2
relbit	ip	062370		> dd> include
relbits	ip	100672		> dd> include
relocate_symbol_	pl	010573	bound_binder_	> dd> dev>s>r1
relocation_bits	ip	100672		> dd> include
reference	ip	080472		> dd> include
reference_proc				
remove_user	pl	052771	bound_pl1_parse_	> dd> t>s>r2
rename	pl	083072	bound_pl1_semant_2_	> dd> sss>s>r1
rename_incl	ip	072970	bound_admin_tools_	> dd> include
rename_pnts_	pl	121272	bound_fscom2_	> dd> t>s>r2
rename_xeq	ip	011773	bound_admin_routines_	> dd> include
reorder_archive	pl	100372	bound_archive_	> dd> sss>s>r2
repeat	pl	101172		> dd> t>s>r1
replacer	pl	011271	bound_updater_	> dd> t>s>r1
reprint_error	pl	122172	bound_misc_commands_	> dd> dev>s>r2
reqfile	ip	071972		> dd> include
reserve				
reset_disk_meters	pl	121272	bound_pl1_parse_	> dd> t>s>r2
reset_processed_flag	pl	100871	bound_admin_routines_	> dd> t>s>r1
reset_usage	pl	121272	bound_admin_tools_	> dd> t>s>r1
reset_use_totals	pl	122972	bound_admin_routines_	> dd> t>s>r3
resolve	pl	060872	bound_admin_routines_	> dd> t>s>r3
resource_usage	pl	082872	bound_simpl_sm_	> dd> am>s>r1
retlst	ip	062370		> dd> dev>s>r1
return_to	pl	101372		> dd> include
reverse_index_	pl	012071		> dd> am>s>r1
rhs_array_ref	pl	051771	bound_uncl_	> dd> am>s>r2
rhs_eval	pl	051771	bound_uncl_	> dd> am>s>r2
ring0_get_	pl	120172		> dd> am>s>r2
ring1_lock_	pl	011573	bound_mseg_	> dd> sss>s>r2
ring1_patch_	pl	051072	bound_lib_utility_	> dd> dev>s>r2
ring_zero_dump	pl	122972	bound_hardcore_db_	> dd> t>s>r2
rlogn	ft	101871	bound_gasp_	> dd> t>s>r2
rmov	ft	101871	bound_gasp_	> dd> am>s>r1
rnorm	ft	101871	bound_gasp_	> dd> am>s>r2
rotate_scale_	pl	050371	bound_gasp_	> dd> am>s>r2
round_	al	120672	bound_graphics_	> dd> dev>s>r2
rsh	pl	102472	bound_math_	> dd> dev>s>r2
rt_error	pl	060872	bound_admin_old_	> dd> sss>s>r2
			bound_simpl_rt_	> dd> t>s>r3
				> dd> am>s>r1

rtypes	ie	072869		> dd> include
run_al	pl	110772	bound_simpl_sm_	> dd> am> s> r2
run_system	ip	060872		> dd> include
runoff	pl	032971	bound_runoff_	> dd> am> s> r1
runoff_	al	072072	bound_runoff_	> dd> dev> s> r4
runoff_abs	pl	083072		> dd> dev> s> r4
runoff_abs_absin.absin				
runoff_dlm	bc	081872	bound_runoff_	> dd> dev> s> r3
runoff_driver	bc	081872	bound_runoff_	> dd> dev> s> r2
runoff_head	bc	081872		> dd> dev> s> r4
runoff_mr0	bc	081872	bound_runoff_	> dd> dev> s> r1
runoff_mr1	bc	081872	bound_runoff_	> dd> dev> s> r2
runoff_mr2	bc	072072	bound_runoff_	> dd> dev> s> r3
runoff_mr3	bc	081872	bound_runoff_	> dd> dev> s> r3
runoff_mr4	bc	081872	bound_runoff_	> dd> dev> s> r3
runoff_mr5	bc	072072	bound_runoff_	> dd> dev> s> r3
runoff_mr6	bc	072072	bound_runoff_	> dd> dev> s> r3
runoff_mr7	bc	072072	bound_runoff_	> dd> dev> s> r3
runoff_mr8	bc	072072	bound_runoff_	> dd> dev> s> r3
runoff_mr9	bc	072072	bound_runoff_	> dd> dev> s> r3
runtime_symbol	ip	011773		> dd> include
rvexp	ft	101871	bound_gasp_	> dd> am> s> r2
safety	lp	042870		> dd> include
salv_data	lp	120572		> dd> include
sat	lp	112772		> dd> include
sc_4020	pl	122371		> dd> am> s> s2
scan_	pl	052471		> dd> am> s> s1
scan_arg_	pl	111372	bound_debug_	> dd> dev> s> s1
scan_declarations	pl	112670	bound_pl1_semant_2_	> dd> pl1> source> s1
scope_class	pl	112670	bound_pl1_semant_2_	> dd> pl1> source> s1
scramble_	pl	092972	bound_user_control_	> dd> t> s> s1
scu	ll	073070		> dd> include
scu1	lp	110371		> dd> include
search_dart_lib_	pl	010973	bound_dartmouth_basic_	> dd> dev> s> s2
search_file_	pl	012673	bound_qedx_	> dd> dev> s> s1
seg_in_octal	pl	063070	bound_sss_debug_	> dd> sss> s> s2
segname_def	lp	100672		> dd> include
segno	ll	100570		> dd> include
semant	lp	011773		> dd> include
semant_entry_vector	al	012973	bound_pl1_semant_2_	> dd> pl1> s> s3
semant_link_vector	al	012973	bound_pl1_semant_2_	> dd> pl1> s> s3
semant_of_stat	al	112670		> dd> pl1> source> s1
semantic_bits	lp	100672		> dd> include
semantic_translator	pl	052171	bound_pl1_semant_2_	> dd> pl1> s> s1

```

send_admin_command
set
set
set_abnormal
set_admin_data_
set_bit_count
set_chand_
set_com_line
set_debug
set_desc_bit
set_indicators
set_lock_
set_padded_bit
set_ring_brackets
set_search_rules
set_timax
set_tree
set_up_file_info
set_up_segs
set_vb
setacl
setcopysw
setid_
setpak
setquota
sf_par
sgstat
short_message_info
show_common
show_declaration
show_statement
sim
simpl
simpl_errors_rt_
simpl_errors_tr_
simpl_incl_files_
simpl_kywd_table_
simpl_util_
simpl_util_.ec
sln_
slnh_
sical_
slsave
slt

```

pl 121272	bound_admin_routines_	> dd > t > s > s 2
pl 051771	bound_uncl_	> dd > am > s > s 1
ft 101871	bound_gasp_	> dd > am > s > s 2
pl 112670	bound_pl1_semant_2_	> dd > pl 1 > source > s 1
pl 121272	bound_admin_routines_	> dd > t > s > s 1
pl 083072	bound_fscom2_	> dd > sss > s > s 2
al 101372	bound_submission_test_	> dd > t > s > s 2
pl 060371	bound_pl1o_	> dd > sss > s > s 2
pl 112670	bound_pl1_semant_2_	> dd > pl 1 > source > s 2
pl 112670	bound_pl1_cg_2_	> dd > pl 1 > source > s 1
pl 122172	bound_misc_commands_	> dd > dev > s > s 2
pl 112670	bound_pl1_semant_2_	> dd > pl 1 > source > s 1
pl 122172	bound_misc_commands_	> dd > dev > s > s 1
pl 083072	bound_search_rules_	> dd > dev > s > s 1
pl 011173	bound_search_rules_	> dd > t > s > s 1
pl 051771	bound_pl1_debug	> dd > am > s > s 1
pl 051771	bound_uncl_	> dd > am > s > s 2
pl 051771	bound_uncl_	> dd > am > s > s 1
pl 112272	bound_access_commands_	> dd > sss > s > s 1
pl 011173	bound_access_commands_	> dd > t > s > s 2
pl 031771	bound_al m_	> dd > dev > s > s 1
pl 060872	bound_simpl_rt_	> dd > am > s > s 4
pl 120172	bound_simpl_rt_	> dd > sss > s > s 2
lp 071671	bound_simpl_rt_	> dd > include
ie 101069	bound_simpl_rt_	> dd > include
lp 062672	bound_simpl_rt_	> dd > include
pl 051771	bound_simpl_tr_	> dd > am > s > s 1
pl 112670	bound_pl1_debug	> dd > pl 1 > source > s 3
pl 112670	bound_pl1_debug	> dd > pl 1 > source > s 3
pl 060872	bound_simpl_rt_	> dd > am > s > s 3
pl 110772	bound_simpl_tr_	> dd > am > s > s 1
pl 060872	bound_simpl_tr_	> dd > am > s > s 4
pl 042170	bound_math_	> dd > sss > s > s 1
pl 042170	bound_math_	> dd > sss > s > s 1
lp 062370	bound_math_	> dd > include
lp 062370	bound_math_	> dd > include
ll 020471	bound_math_	> dd > include

```

slt_init
slt_template
slte
snap
sort_file
sort_hist_file
sort_on_dcl_type
sort_profile
sort_reqfile
source_id
source_id_descriptor
source_list
source_map
source_test_
source_update
special_chars
spg_ring_0_info_
spg_util_
sqr_
sref
ss
ssize
ssl_manager_
sss_wrttearound_
sst
stack_frame
stack_head
standard.control
start_dump
start_governor_
stat
stat_seg
state_edus
statement
statement_id
statement_map
statement_parse
statement_type
statement_types
static_area
statoak
status
status_info_branch
std_symbol_header

il 111071
il 111071
il 062571
pl 112670
pl 122172
pl 102472

bound_pl1_utility_
bound_misc_commands_
bound_admin_old_
bound_pl1_cg_2_
bound_admin_routines_
bound_admin_routines_

bound_submission_test_
bound_updater_

bound_spg_
bound_spg_
bound_math_

bound_pl1_debug
bound_ck_progs_

bound_dumper_
bound_iss_
bound_admin_tools_

bound_pl1_parse_
bound_pl1_parse_

bound_pl1_parse_
bound_simpl_rt_
bound_fscom2_

pl 111071
pl 111071
il 062571
pl 112670
pl 122172
pl 102472

pl 121272
pl 121272
ip 080472
ip 080472
ip 011773
ip 100672
pl 101372
pl 122072
ip 080671
pl 122072
pl 061771
pl 060971
ie 072869
pl 112670
ie 072869
al 110971
al 100571
ip 062872
il 112772
ip 071671

pl 051672
pl 060972
pl 081171
ip 041972
il 021072
ip 080472
ip 071671
ip 100672
pl 112670
pl 112670
ip 080472
pl 112670
pl 060872
pl 083072
ip 051071
ip 100672

```

```

> | dd> include
> | dd> include
> | dd> include
> | dd> pl1>source>s3
> | dd> dev>s>s1
> | dd> t>s>s2

> | dd> t>s>s3
> | dd> t>s>s1
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> t>s>s1
> | dd> t>s>s2
> | dd> include
> | dd> t>s>s3
> | dd> t>s>s3
> | dd> sss>s>s1
> | dd> include
> | dd> pl1>source>s3
> | dd> include
> | dd> t>s>s3
> | dd> dev>s>s3
> | dd> include
> | dd> include
> | dd> include

> | dd> t>s>s2
> | dd> sss>s>s1
> | dd> t>s>s1
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> pl1>source>s1
> | dd> pl1>source>s1
> | dd> include
> | dd> pl1>source>s1
> | dd> am>s>s3
> | dd> sss>s>s2
> | dd> include
> | dd> include

```



```

stgool eb 112770
sthdr ip 081872
sthdr_ al 120172
stk_empt pl 051771
stop_after_vb pl 101072
store
store_bit_addr ip 073071
stream_data_block ip 011073
stream_tseg pl 121972
string
string_builtin pl 040672
string_op
string_to_label_
string_trans
strip_tree
submission_test pl 101372
submit_abs_request pl 061272
subscriber
substr pl 070772
substr_builtin pl 061871
substr_op
sumq ft 101871
sumry ft 101871
sweep pl 121272
sweep_disk_ pl 101372
symbol ic 122773
symbol_alphabetic ip 012273
symbol_bits ip 011773
symbol_block ip 051872
symbol_block_header ip 062672
sys_admin_data ip 052871
sys_full_report pl 121272
sys_trace ip 071371
syslog ip 102771
syspak pl 060872
sysproc pl 110772
system ip 011773
system_daily_report pl 122972
system_free_seg ip 120572
system_info_ pl 060172
system_monthly_report pl 122972
system_performance_graph pl 102271
system_total pl 122972
tab ic 122772
bound_al m_
bound_pl1_cg_2_
bound_undef_
bound_pl1_cg_2_
bound_pl1_cg_
bound_full_co_
bound_pl1_semant_2_
bound_pl1_cg_2_
bound_peruse_text_
bound_pl1_semant_2_
bound_pl1_cg_
bound_submission_test_
bound_absentee_com_
bound_pl1_semant_2_
bound_full_co_
bound_pl1_semant_2_
bound_pl1_cg_
bound_gasp_
bound_gasp_
bound_admin_routines_
bound_admin_tools_
bound_pl1_cg_2_
bound_admin_routines_
bound_simpl_rt_
bound_simpl_rt_
bound_admin_routines_
bound_admin_routines_
bound_admin_routines_
bound_admin_routines_
bound_admin_routines_

```

```

> | dd> t> s> s2
> | dd> include
> | dd> dev> s> s1
> | dd> am> s> s2
> | dd> pl1> s> s1
> | dd> include
> | dd> include
> | dd> sss> s> s1
> | dd> dev> s> s3
> | dd> t> s> s3
> | dd> dev> s> s3
> | dd> sss> s> s1
> | dd> pl1> s> s1
> | dd> am> s> s1
> | dd> am> s> s1
> | dd> t> s> s1
> | dd> t> s> s2
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> t> s> s2
> | dd> include
> | dd> include
> | dd> am> s> s3
> | dd> am> s> s3
> | dd> include
> | dd> t> s> s1
> | dd> dev> s> s3
> | dd> t> s> s1
> | dd> t> s> s1
> | dd> t> s> s2
> | dd> include
> | dd> include
> | dd> include
> | dd> include
> | dd> t> s> s1
> | dd> include
> | dd> dev> s> s3
> | dd> t> s> s3
> | dd> t> s> s1
> | dd> t> s> s2
> | dd> include

```

table_sheet_	pl 120172	bound_alm_	> dd> dev> s> t1
tail_sheet_	pl 011673	bound_io_daemon_	> dd> t> s> t1
tan_		bound_math_	
tanh_		bound_math_	
taoe_admin_	qt 120672	bound_user_control_	> dd> t> s> t1
taoe_master_	pl 120672	bound_checker_	> dd> t> s> t1
taoe_oor_	pl 112772		> dd> t> s> t2
tape_reader_	pl 111871		> dd> t> s> t3
tc_meters	ll 110872		> dd> include
tcpm	lp 110872		> dd> include
tcs	lp 120172		> dd> include
tdsm_da	lp 033172		> dd> include
tdsm_pbuff	lp 033172		> dd> include
teco	pl 050572	bound_teco_	> dd> include
teco_backup_file_	pl 050572	bound_teco_	> dd> am> s> t2
teco_error	pl 050572	bound_teco_	> dd> am> s> t1
teco_get_macro_	pl 050572	bound_teco_	> dd> am> s> t1
telnet_	pl 062672	bound_network_logger_	> dd> am> s> t1
temp_mgr_	pl 010573	bound_binder_	> dd> t> s> t4
temporary	lp 080472		> dd> dev> s> t1
term_	pl 011673	bound_ti_term_	> dd> include
terminals_verseer_	pl 121272	bound_admin_routines_	> dd> sss> s> t1
terminate	pl 011673	bound_ti_term_	> dd> t> s> t4
terminate_process_	pl 083072	bound_fscom2_	> dd> sss> s> t1
test_archive	pl 102472	bound_lib_utility_	> dd> sss> s> t1
test_dartmouth	pl 090971	bound_dartmouth_tools_	> dd> t> s> t1
test_default_error_handlepl	pl 030672	bound_deh_test_	> dd> t> s> t2
test_deh.ec			> dd> t> s> t4
test_dialup	pl 112772	bound_user_control_	> dd> t> s> t2
test_faults_	al 062072	bound_misc_metering_	> dd> t> s> t2
test_tape	pl 092972		> dd> t> s> t1
test_timer_manager	pl 072671		> dd> t> s> t3
test_uc.ec			
ti_	pl 082272	bound_ti_term_	> dd> sss> s> t1
timer_manager_	pl 121372	bound_lss_	> dd> sss> s> t1
tls_	pl 060672		> dd> dev> s> t1
tmst	ft 101871	bound_gasp_	> dd> am> s> t2
to_arith	pl 101371	bound_plio_	> dd> cl1> s> t2
to_blit		bound_plio_	
token	lp 080472		> dd> include
token_list	lp 080472		> dd> include
token_types	lp 080472		> dd> include
tools.control			
total_time_meters	pl 041272	bound_misc_metering_	> dd> t> s> t3

```

tr_error      ol 060872      bound_simpl_tr_
trace_stack   ol 103072      bound_trace_stack_
trace_stack   ol 103072      bound_trace_stack_
trace_types   ip 052671
traffic_control_meters ol 041272      bound_misc_metering_
traffic_control_queue ol 062272      bound_misc_metering_
trans         ol 060872      bound_simpl_tr_
trans1_alloc_ ol 051771
trans1_common ip 051771
trans1_lex_peek ol 051771
trans1_main   pl 051771
transform     ol 121372      bound_pl1_semant_2_
transform_command_ ol 021772      bound_lss_
translate_gate translator_absin.absin bound_misc_translatrs_
translator_info_ translator_info_ bound_tl_term_
trouble_report truncate bound_consultant_
truncate      tseg          bound_misc_commands_
tssi_         ip 083072      bound_tl_term_
tty           pl 011673
tty           ip 121572
tty_lines     pl 101172
tty_ttypes   ip 101172
ttyt         ip 100372
type_array    pl 051771
type_function ol 051771
type_scalar   pl 051771
type_set      ol 051771
type_statement ol 051771
type_vb       pl 051771
unfrm        ft 101871
up_ctr       pl 121272
up_pdt_      pl 120472
up_onft_     pl 112772
up_sat_      pl 112772
up_sysctl_   ol 120472
update_archive_ ol 011173
update_bind   ol 011173
update_handler_ ol 100372
update_include ol 011173
update_info   ol 032172
update_object ol 101072
update_source ol 011173
updater      ol 011173

```



```

upper_case.teco
urf
urfpl
urfsort
usage_total
use_totals
user
user_histogram
user_info_
user_profile
util.ec
utils_
value
varcom
varevl_
vfdevl_
vlipunch_
vlipunch_dlm
walk_subtree
who
whotab
world.bin
write_acct_bill
write_billing_summary
write_list_
write_pl1_line
write_user_usage_report
xmax
xp2_
xp3_
xr_man
xraycomdcl

ip 052771
pl 011173
pl 011173
pl 122972

pl 121372
pl 102472
pl 053172
pl 072072

al 120172
pl 121272
ip 081872
pl 120172
pl 120172
al 123071
pl 123071
pl 112472
pl 120172
ip 112772

pl 082671
pl 082671
pl 091671

pl 102472
ft 101871

ip 052671

bound_admin_tools_
bound_admin_tools_
bound_admin_routines_

bound_full_cp_
bound_admin_old_
bound_misc_commands_

bound_al_
bound_admin_routines_

bound_al_
bound_al_
bound_card_io_
bound_card_io_
bound_misc_commands_

bound_admin_billing_
bound_admin_billing_

bound_pl1_parse_
bound_admin_billing_
bound_gasp_
bound_math_
bound_math_
bound_pl1_cg_2_

> | dd > include
> | dd > t > s > u3
> | dd > t > s > u3
> | dd > t > s > u3

> | dd > sss > s > u1
> | dd > t > s > u3
> | dd > dev > s > u1
> | dd > include

> | dd > dev > s > u1
> | dd > t > s > v1
> | dd > include
> | dd > dev > s > v1
> | dd > dev > s > v1
> | dd > sss > s > v1
> | dd > sss > s > v1
> | dd > dev > s > w1
> | dd > sss > s > w1
> | dd > include

> | dd > t > s > w1
> | dd > t > s > w1
> | dd > dev > s > w1

> | dd > t > s > w1
> | dd > am > s > x1

> | dd > include

```