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Identification

Multics Segment List Selective Ascii Formatting Command
msl_short_format
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Purpose

msl_short_format converts selected items of each entry of a Multics Segment List (MSL) into an ascii segment which prints as a compact columnar listing. A subsidiary entry allows an on-line user to obtain information about a selected entry.

Printing Format

msl_short_format lists each entry in a columnar format requiring one line per entry. The following information is listed:

<u>no.</u>	<u>chars</u>	<u>char.</u>	<u>pos.</u>	<u>item</u>
25		1-25		name of entry
2		27-28		two letter type abbreviation
8		30-37		source_instal (date)
3		39-41		who_auth (initials)
8		43-50		document (BS section)
25		52-76		first superior_list entry name
26		78-103		pathname of source archive

This same format is used for output by the msl_info on-line interrogation feature.

Usage:

```
call msl_short_format (msl_path, ascii_path);
```

- 1) msl_path(char(*)) name of Multics Segment List to be formatted
- 2) ascii_path(char(*)) name of ascii segment to be created (optional argument)

`msl_format` interrogates the MSL "`msl_path`" and places `ascii` formatted lines into the created segment "`ascii_path`". If the `ascii` list overflows a single 64K segment, subsequent output segments will be created having as names "`ascii_path`" concatenated with "`_1`", "`_2`", etc.

If the optional argument "`ascii_path`" is absent, the effect is as though it were "`msl_path.s_format`".

Both `msl_path` and `ascii_path` may be either full pathnames or entry names, in which case the working directory will be assumed as the resident directory.

`$msl_info`

This entry searches the MSL "`msl_pathname`" for the entry "`entry_name`", and if found prints information in the above-described format on-line. Otherwise, a "not-found" message is printed. "`msl_pathname`" need be supplied only the first time an MSL is interrogated or when it is desired to interrogate a different MSL. It may be omitted in subsequent invocation from the same process.

Usage:

```
call msl_short_format$msl_info (entry_name, msl_pathname);
```

- 1) `entry_name(char(*))` name of entry to be searched for
- 2) `msl_pathname(char(*))` name of Multics Segment List to be interrogated (optional argument)