Identification

Multics Segment List Selective Asci 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:

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

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)