

Published: 10/29/69

Identification

Multics Segment List Entry Type Codes
Edwin W. Meyer, Jr.

Classification

Entry type codes are divided into four categories with the following reserved codes:

| <u>reserved codes</u> | <u>category</u> |
|-----------------------|---|
| 0-19 | source types (e.g., "ep1", "ep1bsa") |
| 20-39 | include segments and other types subsidiary to source (e.g., "incl.ep1") |
| 40-59 | special segments (e.g., "bound", "direct_text") |
| 60-79 | names for which there are no library segments (e.g., "related", "fabricated") |

Currently Defined Types

| | |
|----|---|
| 0 | ep1 |
| 1 | ep1bsa |
| 2 | bcpl |
| 3 | fortran |
| 20 | incl.ep1 |
| 21 | incl.bcpl |
| 22 | incl.pl1 |
| 23 | incl.ep1bsa |
| 40 | bound |
| 41 | direct_text (a segment having no source) |
| 60 | related (a name attached to another name) |
| 61 | fabricated (a segment which is created via a "fabricate" line in an MST header) |
| 62 | created (a segment which is created during the initialization of Multics) |

Entry and Type List Items for Name Types

| type code | type | abbrv | source suffix | superior list | inferior list | source path | object path | old dir | old dir |
|-----------|-------------|-------|---------------|----------------------|---|-------------------------|----------------------------|----------|-----------------------|
| 0 | epl | e | .epl | bound segments | referenced includes - related names | archive pathname | free pathname if not bound | dir path | - |
| 1 | eplbsa | eb | .eplbsa | | | | | | |
| 2 | bcpl | bc | .bcpl | | | | | | |
| 3 | fortran | ft | .fortran | | | | | | |
| 4 | ppl | pl | .ppl | | | | | | |
| 20 | incl.epl | ie | .incl.epl | referencing segments | referenced includes | free pathname | - | dir path | - |
| 21 | incl.bcpl | ib | .incl.bcpl | | | | | | |
| 22 | incl.ppl | ip | .incl.ppl | | | | | | |
| 23 | incl.eplbsa | ia | .incl.eplbsa | | | | | | |
| 40 | bound | bd | .archive | - | component segments | object archive pathname | free pathname | dir path | map archive path-name |
| 41 | direct_text | tx | - | - | related names | - | free pathname | dir path | - |
| 60 | related | re | - | superior names | - | - | - | - | - |
| 61 | fabricated | fb | - | related names | - | - | - | - | - |
| 62 | created | cr | - | related names | - | - | - | - | - |