

Published: 05/27/68

Identification

Conversion of CTSS user name to Multics user name

find_m_dir
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Purpose

Find_m_dir is used to convert a CTSS project name of up to 6 characters and a CTSS person name of up to 6 characters to the corresponding Multics user name of the form "multics_person_name.multics_project_name".

Usage

```
call find_m_dir (prob, prog, multics_user_name);
```

```
dcl (prob, prog) char (*) varying,  
    multics_user_name char (50) varying;
```

where prob and prog are the CTSS project and person names to be converted and multics_user_name is the corresponding path name returned. Prob and prog may be passed as up to 6 characters varying or non-varying. Note that the Multics path name is a "collapsed" form of the 50 character user name, i.e., blanks are removed, a period is inserted between project and person name components, the instance tag does not exist, and ">user_dir_dir>" does not exist.

Implementation

Find_m_dir looks up the CTSS prob and prog in user_name_table \$project and user_name_table\$person respectively. The corresponding 24 character varying multics person and project names found in the table are then concatenated with a period between them and are returned to the caller. If no entry is found in user_name_table for the CTSS project or person name, then there is no multics_person_name or multics_project_name inserted in the Multics user name returned. Thus the calling program must check for a missing portion of the Multics name returned if one wishes to find out if the conversion was completely successful.

In converting the CTSS person name the Multics person name associated with that programmer number is used. Suggested project name correspondences are:

<u>CTSS</u>	<u>Multics</u>
T0234	mac
T0269	bt1
T0288	ge

The conversion table for the project and person names is described in the writeup on `user_name_table`.

Example:

```
call find_m_dir ("T0234", "6044", multics_user_name);  
would return "cecil.mac" in multics_user_name.
```