

SYSTEM SOFTWARE
BULLETIN NO. 45
JULY 22, 1983

TO: Distribution

SUBJECT: Mcu, catch, and toss update and tutorial

Attached is a tutorial that should help you use the UNIX-TSX virtual terminal. There have been a few changes since the first release. Multiple files can now be sent, and the user interface is a little more friendly.

Programmer: Ray Roux

DISTRIBUTION

Peter Armerding	12-721	Mike Minkoff	12-728
Hugh Barnes	12-730	Tom O'Brien	12-721
Gabriel Baum	12-729	Larry Pumphrey	13-807
Mark Buchignani	12-729	Keith Robinson	12-724
Ron Carlson	13-807	Steve Roney	12-729
Dave Chandler	13-807	Chuck Rudd	12-721
Jan Chodak	13-801	Michael Ruddy	12-729
Deidre Cimarusti	12-729	Andy Sells	12-729
Don Daglow	12-729	Joey Silvian	12-729
Pamella Dong	12-729	Rick Sinatra	12-729
Bill Fisher	12-729	Glenn Stello	12-729
Jim Haupt	12-721	Ron Surratt	12-729
Bob Hogue	12-721	Mona Theiss	12-729
Les Hutchinson	12-728	Rick Timmins	12-729
George Jump	12-729	Mark Urbaniec	12-729
Douglas Lapp	12-721	Tim Scanlan c/o Rick Timmins	12-729
Don Mills	12-728	Swan Chen c/o Rick Timmins	12-729
		Chaucer Yu c/o Rick Timmins	12-729
		Dave Reichert c/o Rick Timmins	12-729

System Software Group
Software Development Group

To hookup to a TSX machine type:

```
mcu <return>
```

You'll get a "connected" message followed by the micom message, enter the class of the machine you want (see below for TSX class numbers)

```
l1 <return> (for example will hookup to TSX 1)
```

You'll get a "GO" message, hit <return> and you should get the TSX prompt "." If nothing happens then you probably got a bum line, type:

```
~# <return>
```

This will get you back to the micom, enter the class number again.

Once you're logged on the TSX system you can now pass files back and forth using the 'catch' and 'toss' routines installed on TSX.

To copy files from UNIX to the TSX type:

```
catch <return>
```

TSX will respond with "Argv:", enter the name of the file to be copied and hit <return>. The file will be echoed to the screen as it is being transferred, when it's done the TSX prompt will appear.

To copy files from TSX to UNIX type:

```
toss filename
```

You'll see ">:filename" echoed on the screen, but the contents of the file will not be seen. When it's done you'll see ">" echoed on the screen and then the TSX prompt.

Catching multiple files is the same as a single file, the only thing you need to do is to create a file (on UNIX) listing all the files (one per line) that you want to copy. The filename MUST end with a '.mcu'

To toss multiple files follow the same convention as catching multiple files. A list file (ending with '.mcu') is needed (on TSX).

There is a TSX command file (to.com) that simplifies the multiple toss procedure even more. It creates the '.mcu' list file, then calls toss, after all the files have been transferred the '.mcu' file is deleted. Any of the TSX wildcard conventions are allowed. In order to use the command you must make sure that a copy exists in the base you're working in. The following example will toss all the files that have the suffix .tst

```
to .tst
```

Ending a session requires several steps, first logoff the TSX

```
off
```

Next break at the micom by typing:

```
~#
```

Finally, disconnect the virtual terminal from the micom and return to the UNIX shell by typing:

```
~.
```

The TSX machines are each assigned a micom class number. The convention is as follows:

```
TSX 1 is class 11 TSX 2 is class 12 TSX 3 is class 13 .
```

If you have problems, or find bugs, or have any suggestions contact Ray Roux (login id: roux extension 5339).