**Name:**

jplexpect

**Synopsis:**

jplexpect <asteroid id> <start time> <end time> <step size> <center>

Where: asteroid id is JPL’s asteroid number; start time is JPL time format YYYY-MM-DD hh:mm; step size is in minutes; center is observatory code.

**Description:**

The jplexpect script is written in “expect” (man expect). The script performs a telnet connection to horizons.jpl.nasa.gov on port 6775. Change defaults as needed. Default answers to the prompts are built in.

**Examples:**

jplexpect 3581 “2013-08-15 0:00” “2013-08-16 0:00” 10m 463

Output is in 3581\_jplresults.txt.

If you create a file with one asteroid per line and use the gettargs script, each asteroid will be sent to the jplexpect script in a batch mode.

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**Reporting Bugs:**

See the Google code project: phoenix-asteroids-2013.

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**See Also:**

gettargs, jplexpet, mpcbash, csv2tex, csv2report