TSL generator User Guide

Download

A copy of TSL generator can be downloaded from JOOSE Moodle page. The current source code is maintained by Alex Orso from Georgia Institute of Technology, and can be downloaded from https://github.com/alexorso/tslgenerator.
The content of downloaded folder include:

- MacOSX, Linux and Windows versions of TSLgenerator
- A TSLgenerator manual
  (A good reference on the usage of comment, category and choice script syntax).
- A sample partition category testing for unix **grep** command in\Specs folder.

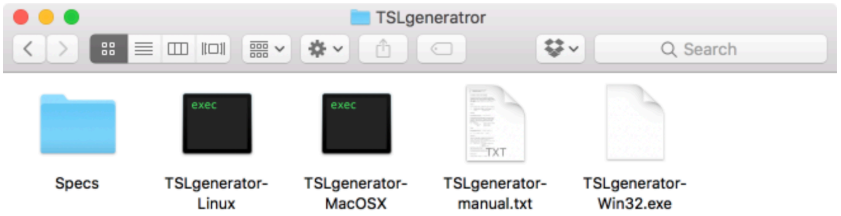
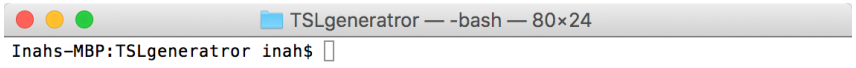


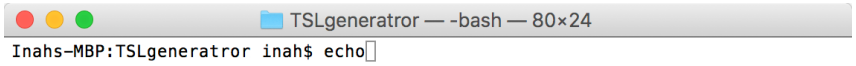
Figure 1: TSL generator

Running TSL generator

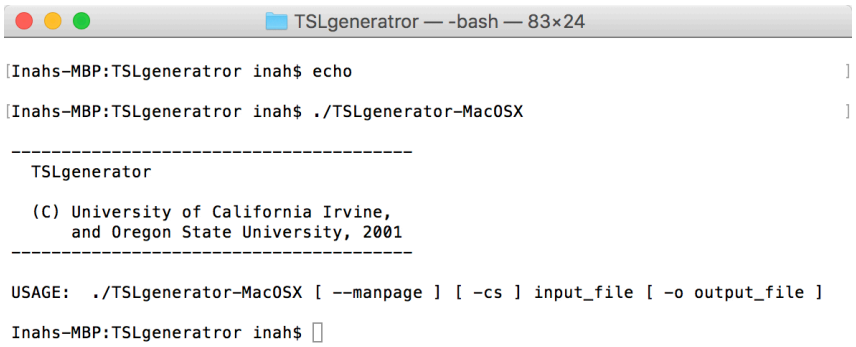
You can run TSLgenerator on command line using linux shell, windows command prompt or mac terminal.
(1) Navigate to the directory containing TSLgenerator.



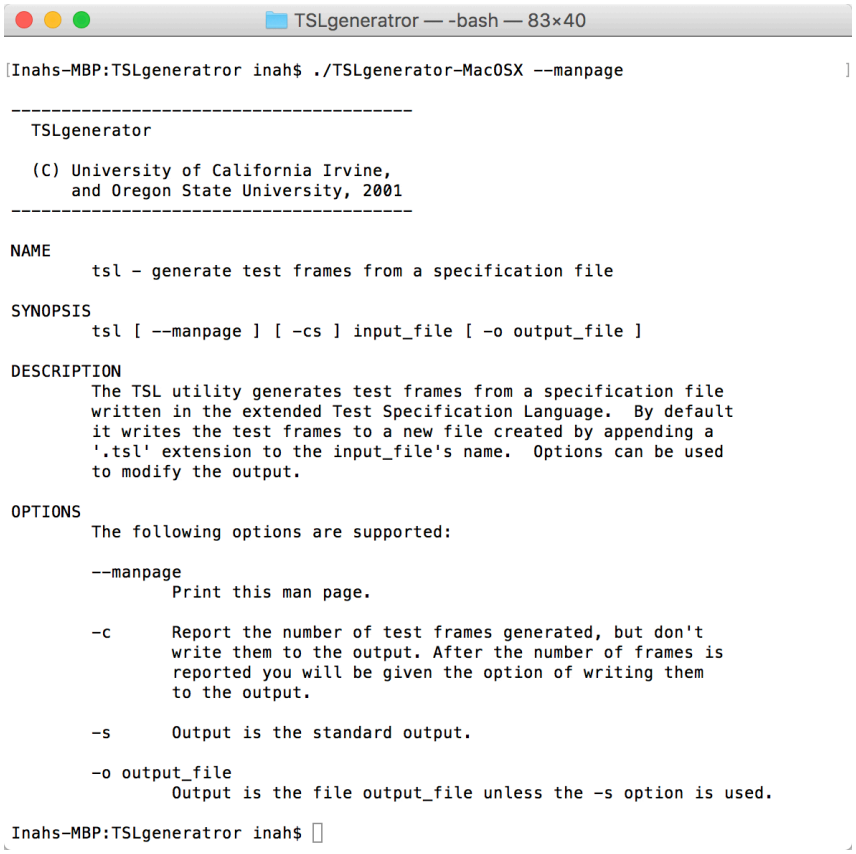
(2) Type **echo** on command line to write TSLgenerator arguments to standard output.



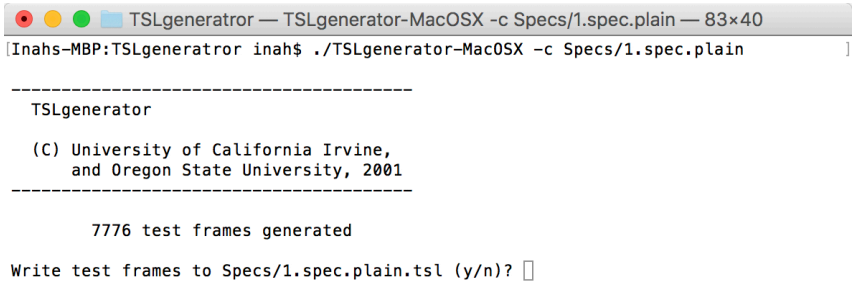
(3a) To run TSLgenerator type **./TSLgenerator-[xx]**, where xx is the os version.



(3b) To show TSLgenerator main page type **./TSLgenerator-[xx] –manpage**.



(3c) To report the number of test frames generated, but don't write them to the output. type **./TSLgenerator-MacOSX -c [yy]**, where yy is the TLSgenerator script file.



(4) You can repeat (3c) with a different script file that defines additional constraint properties on the input domain. Once satisfied with the number of test frames generated, you can then write to file by choosing the **yes** option on command prompt. See sample outcome of generated testcases open with TextEdit below: