

TLC's Command-Line Options

- **-config file** provide the config file. Defaults to spec.cfg if not provided
- **-deadlock** do not check for deadlock. Defaults to checking deadlock if not specified
- **-depth num** specify the depth of random simulation Defaults to 100 if not specified
- **-seed num** provide the seed for random simulation Defaults to a random seed if not specified
- **-aril num** Adjust the seed for random simulation Defaults to 0 if not specified
- **-recover path** recover from the checkpoint at path Defaults to scratch run if not specified
- **-bound** The upper limit for sets effectively limiting the number of init states (@see http://bugzilla.tlaplus.net/show_bug.cgi?id=264) Defaults to 1000000 if not specified
- **-metadir path** store metadata in the directory at path Defaults to specdir/states if not specified
- **-userFile file** A full qualified/absolute path to a file to log user output (Print/PrintT/...) to
- **-workers num** the number of TLC worker threads Defaults to 1
- **-dfid num** use depth-first iterative deepening with initial depth num
- **-cleanup** clean up the states directory
- **-dump file** dump all the states into file
- **-difftrace** when printing trace, show only the differences between successive states Defaults to printing full state descriptions if not specified (Added by Rajeev Joshi)
- **-terse** do not expand values in Print statement Defaults to expand value if not specified
- **-coverage minutes** collect coverage information on the spec, print out the information every minutes. Defaults to no coverage if not specified
- **-continue** continue running even when invariant is violated Defaults to stop at the first violation if not specified
- **-nowarning** disable all the warnings Defaults to report warnings if not specified
- **-fp num** use the num'th irreducible polynomial from the list stored in the class FP64.
- **-view** apply VIEW (if provided) when printing out states.
- **-gzip** control if gzip is applied to value input/output stream. Defaults to use gzip.
- **-debug** debugging information (non-production use)
- **-tool** tool mode (put output codes on console)
- **-checkpoint num** interval for check pointing (in minutes) Defaults to 30
- **-fpmem num** the number of megabytes of memory used to store the fingerprints of found states. Defaults to 1/4 physical memory. (Added 6 Apr 2010 by Yuan Yu.)

- **-fpbits num** the number of msb used by MultiFPSet to create nested FPSets. Defaults to 1
- **-maxSetSize num** the size of the largest set TLC will enumerate. default: 1000000

Last modified on Sun 13 December 2015