

Release notes

August 11, 2016

Version 0.28 is out.

Line numbering information is included in the output.

Enabled by default. Disabled with `--no-numbers`.

Block comments are preserved now.

Lines, containing anything but a comment, are preserved. Enabled by default. Disabled with `--no-comments`.

New command-line options

`--no-resolve`, `--no-backend` useful mostly for debugging. New shortcuts `-R -B -T -C -N`

Special %! comments are partially supported now.

They are mostly useful in testing, and are used by Octave library and test suite. Disabled by default. Enabled with `--testing-mode`.

June 19, 2016

After a year-long vacation I am back to active development. My first goal is adopting the Octave runtime and test suite.

October 23, 2014

Downloaded `mybench` -- a collection of 20 or so micro-benchmarks originally meant to compare matlab and octave performance. After succesfully running the first nine, the geometric mean of the speedup is 0.36, which is cool.

//	name	octave	smop	speedup
1	rand	2.58	0.36	0.14
2	randn	2.26	1.04	0.46
3	primes	0.35	0.17	0.49
4	fft2	2.75	1.13	0.41
5	square	4.24	0	
6	inv	4.38	2.26	0.53
7	eig	17.95	9.09	0.51
8	qr	3.06	1.83	0.60
9	shur	5.98	2.31	0.39
10	roots	8.31	2.02	0.24

October 15, 2014

Version 0.26.3 is available for beta testing. Next version 0.27 is planned to compile octave `scripts` library, which contains over 120 KLOC in almost 1,000 matlab files. There are 13 compilation errors with smop 0.26.3 .