ScalaJS 0.5.0 vs 0.5.3 on a bunch of libraries which happen to already have performance tests.

All benchmarks are run from 10 seconds from a cold start, and measure how many operations can be done in that time. Higher is better. Each one is only run once, and there's about a +-20% variation between runs, but the differences are marked enough to be significant anyway.

uTest

All tests pass with both 2.10.4 and 2.11.2, with fastOptJS and fullOptJS. I don't have benchmarks for this guy, but at least things are correct, which is probably what matters most for a test suite...

Scalatags/PhantomJS

version\optimization	fastOptStage	fullOptStage
0.5.0	*JsDom*: 14651 *Text*: 6570	*JsDom*: 24869 *Text*: 7328
0.5.3	JsDom: 23842 *Text*: 15119	*JsDom*: 30784 *Text*: 15085

Scalatags/NodeJS

version\optimization	fastOptStage	fullOptStage
0.5.0	*Text*: 26129	*Text*: 28848
0.5.3	*Text*: 41849	*Text*: 81799

uPickle/NodeJS

version\optimization	fastOptStage	fullOptStage
0.5.0	*ReadJSON*: 11489 *WriteJSON*: 6150 *ReadData*: 5929 *WriteData*: 6534	*ReadJSON*: 12291 *WriteJSON*: 9840 *ReadData*: 9716 *WriteData*: 11001
0.5.3	*ReadJSON*: 13921 *WriteJSON*: 8419 *ReadData*: 9966 *WriteData*: 10225	*ReadJSON*: 22499 *WriteJSON*: 15781 *ReadData*: 13786 *WriteData*: 16479

Scala.Rx/NodeJS

version\optimization	fastOptStage	fullOptStage
0.5.0	Initialization: 73875 Propagation: 15973	Initialization: 138951 Propagation: 27046
0.5.3	Initialization: 186150 Propagation: 36862	Initialization: 289025 Propagation: 52727