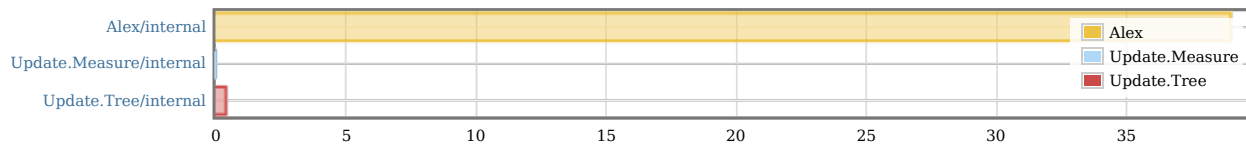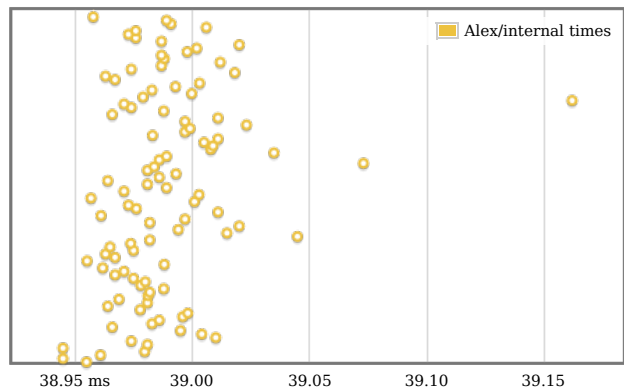# Performance Measurements (initial code * 1000)

Overview
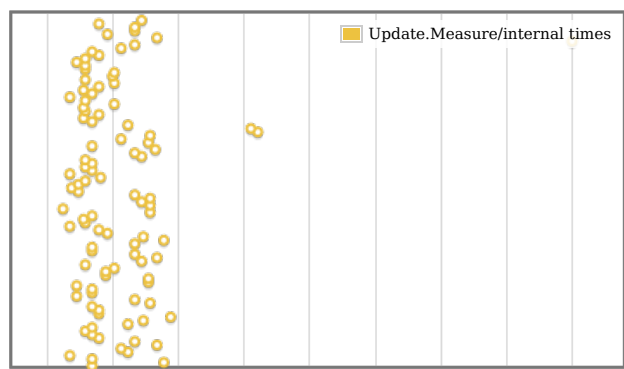

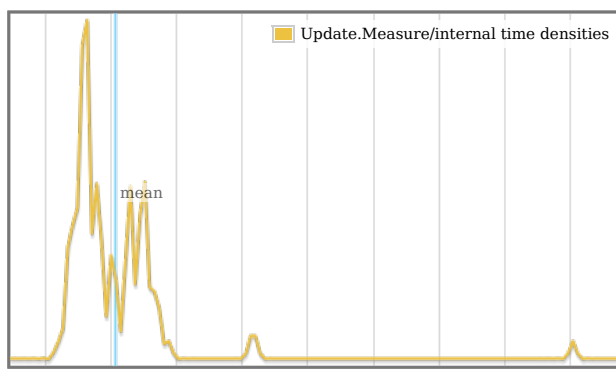## Alex - internal code
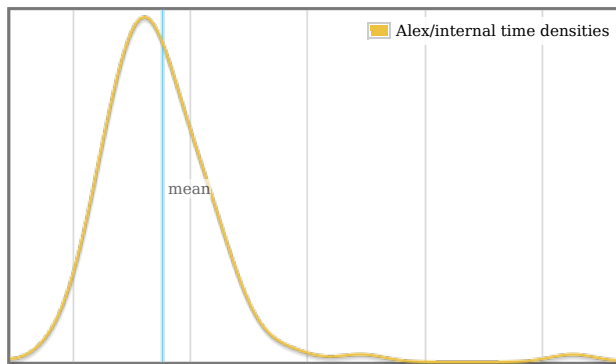
	lower bound	estimate	upper bound
Mean execution time	38.98 ms	**38.98 ms**	38.99 ms
Standard deviation	19.40 µs	**27.17 µs**	45.78 µs

Outlying measurements have no (1.0%) effect on estimated standard deviation.
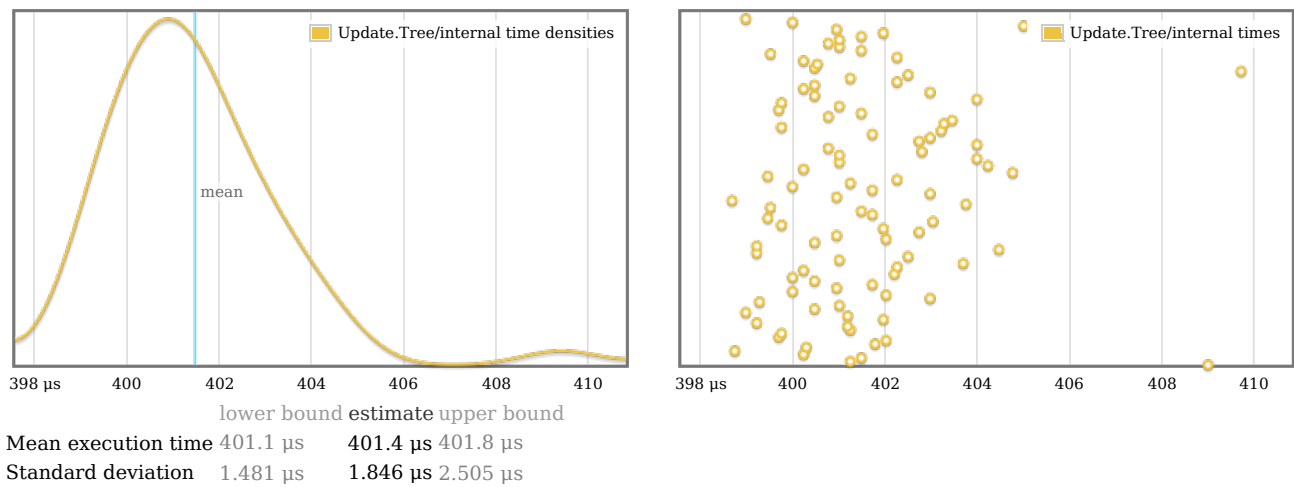
Update Measure - internal code

	lower bound	estimate	upper bound
Mean execution time	1.579 µs	**1.580 µs**	1.583 µs
Standard deviation	4.833 ns	**8.727 ns**	17.44 ns

Outlying measurements have no (1.0%) effect on estimated standard deviation.

Update FingerTree - internal code

	lower bound	estimate	upper bound
Mean execution time	401.1 µs	401.4 µs	401.8 µs
Standard deviation	1.481 µs	1.846 µs	2.505 µs

Outlying measurements have no (1.0%) effect on estimated standard deviation.