



**juce::AsyncUpdater**  
**Average = 20 microseconds, minimum = 5 microseconds, maximum = 102 microseconds**

**RealTimeAsyncUpdater (Timer Based)**

**Average = 41 millisecs, minimum = 239 microseconds, maximum = 92 millisecs**

## RealTimeAsyncUpdater (WaitableEvent Based)

Average = 16 microsecs, minimum = 7 microsecs, maximum = 64 microsecs, total = 16 millisecs

Average = 27 microsecs, minimum = 8 microsecs, maximum = 6695 microsecs, total = 27 millisecs

Average = 27 microsecs, minimum = 8 microsecs, maximum = 4673 microsecs, total = 27 millisecs

Average = 19 microsecs, minimum = 8 microsecs, maximum = 61 microsecs, total = 19 millisecs

Average = 20 microsecs, minimum = 8 microsecs, maximum = 96 microsecs, total = 20 millisecs

Average = 18 microsecs, minimum = 8 microsecs, maximum = 62 microsecs, total = 18 millisecs

Average = 16 microseconds, minimum = 7 microseconds, maximum = 48 microseconds, total = 16 milliseconds

Average = 17 microseconds, minimum = 7 microseconds, maximum = 78 microseconds, total = 17 milliseconds  
Average = 16 microseconds, minimum = 7 microseconds, maximum = 43 microseconds, total = 16 milliseconds

Average = 16 microseconds, minimum = 7 microseconds, maximum = 42 microseconds, total = 16 milliseconds  
Average = 17 microseconds, minimum = 8 microseconds, maximum = 36 microseconds, total = 17 milliseconds

Average = 17 microseconds, minimum = 8 microseconds, maximum = 76 microseconds, total = 17 milliseconds

**Average = 20 microsecs, minimum = 7 microsecs, maximum = 6695 microsecs**





**RealTimeAsyncUpdater (HighResolutionTimer Based)**

**Average = 4997 microseconds, minimum = 4643 microseconds, maximum = 5230 microseconds**

**juce::AsyncUpdater**  
Average = 20 microseconds, minimum = 5 microseconds, maximum = 102 microseconds

**RealTimeAsyncUpdater (Timer Based)**  
Average = 41 milliseconds, minimum = 239 microseconds, maximum = 92 milliseconds

**RealTimeAsyncUpdater (HighResolutionTimer Based)**  
Average = 4997 microseconds, minimum = 4643 microseconds, maximum = 5230 microseconds

**RealTimeAsyncUpdater (WaitableEvent Based)**  
Average = 16 microseconds, minimum = 7 microseconds, maximum = 64 microseconds, total = 16 milliseconds  
Average = 27 microseconds, minimum = 8 microseconds, maximum = 6695 microseconds, total = 27 milliseconds  
Average = 27 microseconds, minimum = 8 microseconds, maximum = 4673 microseconds, total = 27 milliseconds  
Average = 19 microseconds, minimum = 8 microseconds, maximum = 61 microseconds, total = 19 milliseconds  
Average = 20 microseconds, minimum = 8 microseconds, maximum = 96 microseconds, total = 20 milliseconds  
Average = 18 microseconds, minimum = 8 microseconds, maximum = 62 microseconds, total = 18 milliseconds  
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Average = 16 microseconds, minimum = 7 microseconds, maximum = 42 microseconds, total = 16 milliseconds  
Average = 17 microseconds, minimum = 8 microseconds, maximum = 76 microseconds, total = 17 milliseconds

**Average = 20 microseconds, minimum = 7 microseconds, maximum = 6695 microseconds**



# Round-trip Latency

