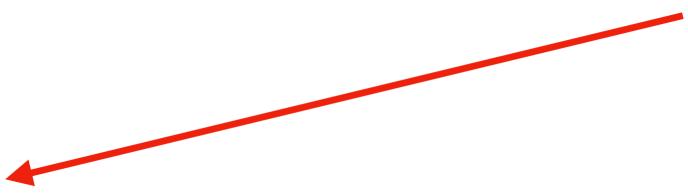


```
std::atomic<float> gain (1.0f);
void processSensorData (float* sensorInOut, int n)
   // do some dsp
    for (int i = 0; i < n; ++i)
        sensorInOut[i] *= gain.load();
// called on another thread
void setSensorGain (float newGain)
    gain.store (newGain);
```

Ensures loads and stores are synchronised









gain.store (newGain); <</pre>

Ensures loads and stores are synchronised