std::mutex<>

std::mutex::try_lock() is wait-free

Can fail spuriously

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- std::mutex::try_lock() is wait-free
 - Can fail spuriously
- std::mutex::unlock() can block

```
class WavetableSynthesizer
public:
    void audioCallback()
        if (std::unique_lock<spin_lock> tryLock (mutex, std::try_to_lock); tryLock.owns_lock())
            // Do something with wavetable
        else
            // Do something else as wavetable is not available
    void updateWavetable (/* args */)
        // Create new Wavetable
        auto newWavetable = std::make_unique<Wavetable> (/* args */);
            std::lock_guard<spin_lock> lock (mutex);
            std::swap (wavetable, newWavetable);
           Delete old wavetable here to lock for least time possible
private:
    spin_lock mutex;
    std::unique_ptr<Wavetable> wavetable;
};
```