A

This section introduces two facilities to debug programs as they run: temporal assertions, checked during runtime, and tools for analysing the progress of an FRP simulation. This will help us determine not only whether programs fail, but also exactly when and where.

B

Implementation of Temporal Logic inside FRP

Introduce type SPred as a Boolean carrying signal

Point-wise operators to the signal function level

history, which checks a condition at every point and becomes False forever as soon as the internal condition becomes False

ever, which checks if a condition ever held

a debugging monad that logs assertions that are violated and the times when that happens