Aims

- Mid-level library with no ties to a specific model
  - *Easy to test*

- Ensure nodes can be processed multi-threaded which scales independently of graph complexity
  - *In theory this should give us the best CPU utilisation*

- Processing can happen in any sized block (up to the maximum prepared for)
  - *Enables reduced aliasing due to fast changing automation and handles looping more accurately*

- Processing in float or double
  - *Although the current engine can sum in doubles, having a complete 64-bit pipeline should provide the most headroom possible*

Aims

- Mid-level library with no ties to a specific model
  - *Easy to test*
- Ensure nodes can be processed multi-threaded which scales independently of graph complexity
  - *In theory this should give us the best CPU utilisation*
- Processing can happen in any sized block (up to the maximum prepared for)
  - *Enables reduced aliasing due to fast changing automation and handles looping more accurately*
- Processing in float or double
  - *Although the current engine can sum in doubles, having a complete 64-bit pipeline should provide the most headroom possible*

API: Easy to use, hard to abuse