Reaction Engine High-Level Data Translation Model Supporting Cross-Platform Capability

START

User inputs reaction data

Per-Platform Data Model

Translate to Language Engine can Read

Parse Input and Calculate Result

User Interface (iOS)

Objective-C++ Canvas

Canvas Translator

Reaction Engine (C++)

User Interface (Android)

Java Canvas

User Interface (Windows, Mac, Linux)

FINISH

Display Result

Pass back to User Interface

Translate to Per-Platform Language

Pass Result Canvas back to Translator