

## Specification

Abstract  
Computation

SwiftScript  
Compiler

Data  
storage  
system

SwiftScript

## Scheduling

Executing Engine  
(Karajan w/Swift  
Runtime)

Swift runtime  
callouts

Status  
Reporting

Provenance  
Collector

## Execution

Virtual Node(s)

File 1

Launcher App  
F1

Provenance  
Data

File 2

Launcher App  
F1

Provenance  
Data

File 3

## Provisioning

Dynamic  
Resource  
Provisioner

Cluster

Grid

Cloud