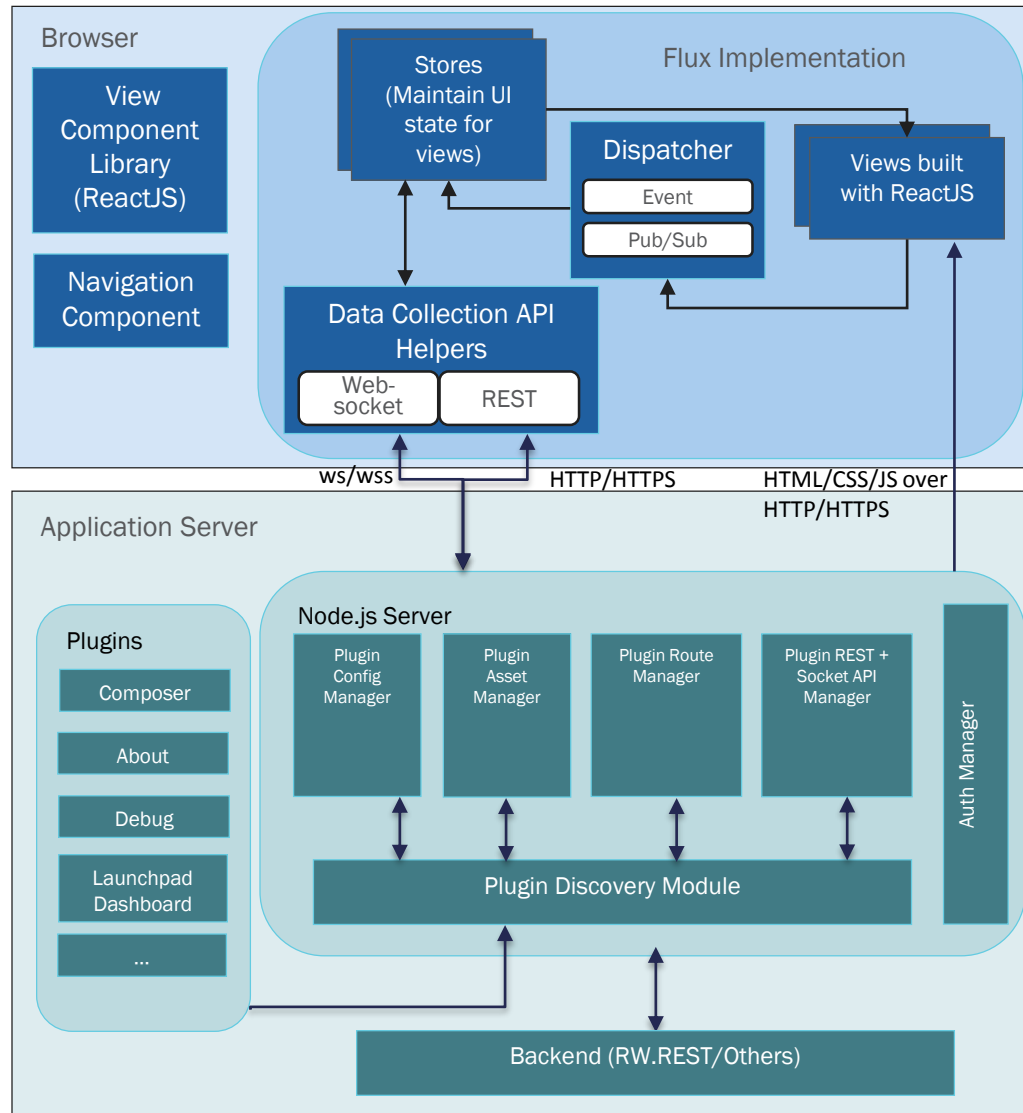
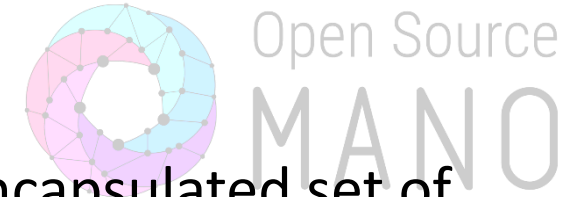


Open Source  
**MANO**

# UI ARCHITECTURE

Kiran Kashalkar

# RIFT.ware UI Architecture



- A RW.UI plugin is an encapsulated set of functionality.
- It is composed of a collection of browser-side assets (views, styles, fonts, icons), browser-side state managers (stores), browser-side API helpers, server-side API implementations, UI route declarations and any other configuration.
- The RW.UI framework will load and manage communication between plugins

# UI Code

## High-level UI components

```
rw.ui
|-api
|  |-routes
|  |-sdn_account
|  |-cloud_account
|  |-debug
|  |-launchpad
|  |-logging
|  |-common
|  |-utils
|  |-about
|-scripts
|  |-install_api.sh
|  |-install_ui.sh
|-skyquake
|  |-scripts
|  |  |-build.sh
|  |  |-launch_ui.sh
|-framework
|  |-js
|  |-widgets
|  |-core
|  |-utils
|  |-style
|-plugins
|  |-debug
|  |-composer
|  |-launchpad
|  |-helloworld
|  |-goodbyeworld
|  |-login
|  |-about
```

## Sample Plugin Structure

```
helloworld
|-webpack.production.config.js
|-config.json
|-webpack.config.js
|-src
|  |-helloWorldOne.jsx
|  |-helloWorldTwo.jsx
|  |-main.js
|  |-helloWorldDashboard.jsx
|  |-index.html
|-routes.js
|-package.json
```

## UI Framework Core

```
core
|-api_utils
|  |-constants.js
|  |-sockets.js
|  |-utils.js
|-modules
|  |-routes
|  |  |-navigation.js
|  |-api
|  |  |-navigation.js
|  |-skyquakeEmitter.js
|  |-plugin_discoverer.js
|  |-navigation_manager.js
```

10.0.202.155:8000/composer

10.0.202.155:8000/composer/index.html?api\_server=http://10.0.202.155&upload\_server=http://10.0.202.155#?k=9gzig8

ACCOUNTS LAUNCHPAD CATALOG

ABOUT DEBUG LOGGING LOGOUT

COMPOSER

DESCRIPTOR CATALOGS

ping\_pong\_nsd (1)  
ping\_pong\_nsd  
Toy NS  
RIFT.io v1.0

ping\_pong\_nsd

ping\_vnfd/1

pong\_vnfd/2

FG-1

ping\_pong\_vld

97.0%

FORWARDING GRAPHS

FG-1

RENDERED SERVICE PATHS

A VNFD with the chain SF is required to build Rendered Service Paths.

CLASSIFIERS

classifier-1

NAME

PATH

CONNECTION POINT REF

A VNFD with the chain CLASSIFIER is required to add a connection point ref.

IP PROTO

SOURCE IP ADDRESS

DESTINATION IP ADDRESS

SOURCE PORT

DESTINATION PORT

+ ADD MATCH ATTRIBUTES

+ ADD CLASSIFIER

+ ADD NEW FORWARDING GRAPH

ping\_pong\_nsd

Download Package expires in 5 minutes

ping\_pong\_nsd

ping\_pong\_nsd

RIFT.io

Logo

Toy NS

1.0

VLD 1 ITEMS + ADD

ping\_pong\_vld

REMOVE

CONSTITUENT VNFD 2 ITEMS + ADD

Drag a VNFD from the Catalog to add more.

ping\_vnfd/1

REMOVE

pong\_vnfd/2

REMOVE

VNFFGD 1 ITEMS + ADD

FG-1

REMOVE

LIBS

0e923694-17a9-11e6-8514-001b21b98a89

ID

CONNECTION POINT 0 ITEMS + ADD

SCALING GROUP DESCRIPTOR 0 ITEMS + ADD

PLACEMENT GROUPS 2 ITEMS + ADD

PLACEMENT GROUPS 1

REMOVE

Orcus

NAME

Place this VM on the Kuiper belt

REQUIREMENT

COLOCATION

STRATEGY

MEMBER VNFD 2 ITEMS + ADD

MEMBER VNFD 1

REMOVE

1

MEMBER VNF INDEX REF

0e9099d8-17a9-11e6-8514-001b21b98a89

VNFD ID REF

MEMBER VNFD 2

REMOVE

2

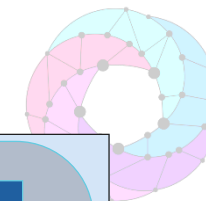
MEMBER VNF INDEX REF

0e91c9de-17a9-11e6-8514-001b21b98a89

VNFD ID REF

EVENT CENTER

# Catalog Manager/Composer Deep Dive



Open Source  
MANO

