[Dynamic Diagram] Tier 4 Surgery Bed
Overview of methodology deployed to perform surgery on product models by
Full Stack Engineers.

Legend

Person
Software System
Container
Component
External Person
External Software System

PLATFORM TECHNOLOGIES DEPICTED

Node File System

Inquirer

PapaParse

Puppeteer

OpenAPI Schematic Testing
[Software System]

Defined in asset "Jenkins Pipeline"

Redfish Schematic Testing
[Software System]

Defined in asset "Jenkins Pipeline"

OData Protocol Schematic Testing
[Software System]

Defined in asset "Jenkins Pipeline"

Full Stack Engineer
[Engineer]

FSE with scope of surgery work

Design Integration Point
[Software System]

Puppeteer driven coverage mapping to Engineer scope. Imports UI/UX intelligent data mappings.

DropBox
[Software System]

Fractal designated technology for directory storage.

CLI & .csv Inputs

Import

Import   Import   Import

Executes Maintenance with Configured Inputs
[Puppeteer]

AWS
[Software System]

Fractal Designated Product Hosting Services

OpenAPI Surgery Class
[Component: .js Class]

Reads existing schemas, deltas schema defaults, reads abstract profiles, deltas abstract profiles. Imports OpenAPI Schematic Testing.

Redfish Surgery Class
[Component: .js Class]

Reads existing schemas, deltas schema defaults, reads abstract profiles, deltas abstract profiles. Imports Redfish Schematic Testing.

OData Protocol Surgery Class
[Component: .js Class]

Reads existing schemas, deltas schema defaults, reads abstract profiles, deltas abstract profiles. Imports OData Protocol Schematic Testing.

Executes Maintenance with Configured Inputs
[Puppeteer]

Engineer Scope Surgery System
[Software System]

Deltas product models in Tier 4 Contexts with Inquirer CLI commands. Imports Design Integration Point.

Context

Inquirer CLI
[Component: Library]

Reads product models through CLI inputs (directory pathing); executes surgery from underlying configurability input scope.

Context

Reads deltas, deltas schemas.
[Node File System & BASH]

Reads deltas, deltas schemas.
[Node File System & BASH]

Reads deltas, deltas schemas.
[Node File System & BASH]

Executes Surgery with Configured Inputs
[Node File System & BASH]

WebUI v2.6
[Software System]

Fractal UI Product

Engineer Scope Surgery System
[Software System]

OpenAPI Abstract Profile
[Component: .csv]

Containerizes colloquial provisioning of specification schema logic defaults in key:value pairs; deltas schema with tab provisioning following naming conventions.

Redfish Abstract Profile
[Component: .csv]

Containerizes colloquial provisioning of specification schema logic defaults in key:value pairs; deltas schema with tab provisioning following naming conventions.

OData Protocol Abstract Profile
[Component: .csv]

Containerizes colloquial provisioning of specification schema logic defaults in key:value pairs; deltas schema with tab provisioning following naming conventions.

Executes Maintenance with Configured Inputs
[Puppeteer]

GitHub
[Software System]

Fractal Designated Product Code Repository Service.

Inquirer CLI
[Container]

Engineer Scope Surgery System
[Software System]

Executes Maintenance with Configured Inputs
[Puppeteer]

Jira
[Software System]

Fractal designated workboard for product iteration. Structure defined in FSE Confluence.

Executes Maintenance with Configured Inputs
[Puppeteer]

Gmail
[Software System]

Fractal designated communication technology with designated bugs@fractal listening domain.

Executes Maintenance with Configured Inputs
[Puppeteer]

Wrike
[Software System]

Fractal designated service for project management.