

Numbine

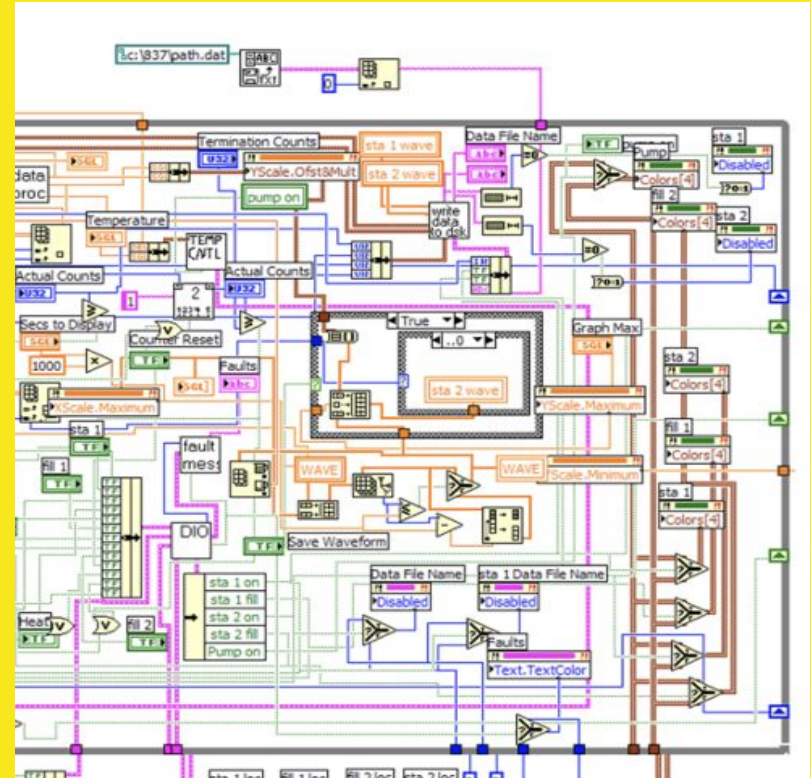
Course 50 - Project



Agenda

1. The story behind the need
2. System design
3. Working methods





The story - the problem

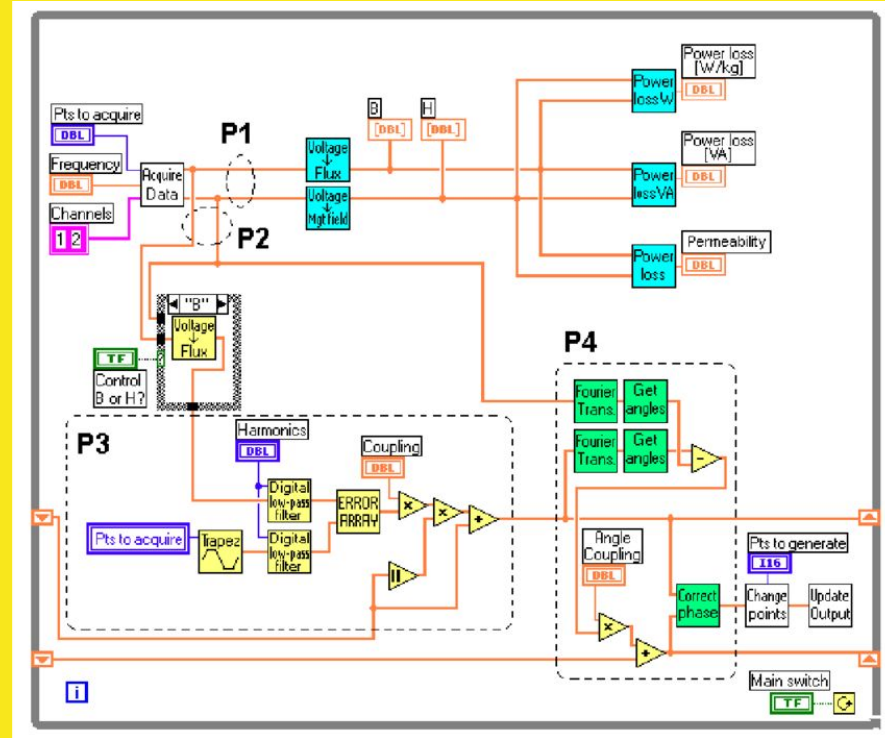


When testing is required, its difficult to:

- Set a working configuration
- Set the minimal configurations to repeat all tests on them
- Document the configurations that were tested

Numb what?

NUMBINE.



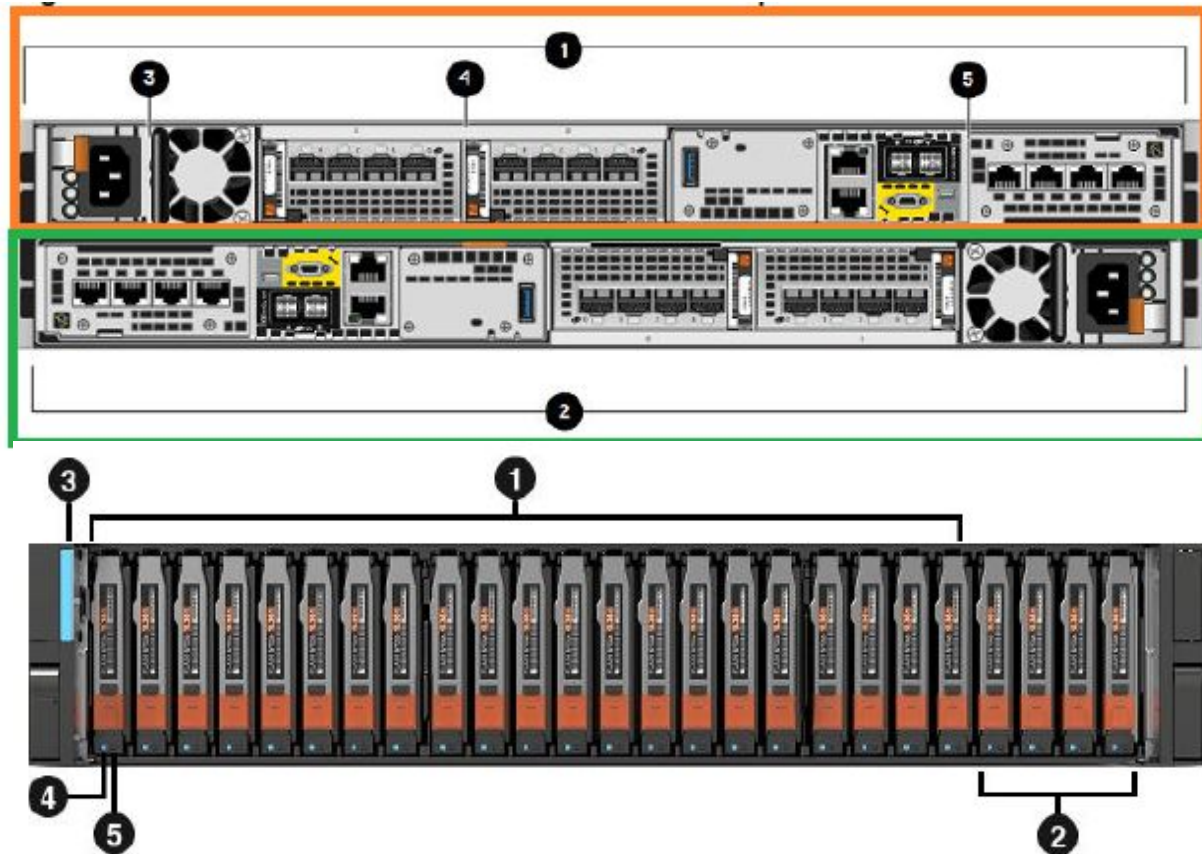
Terms

Configuration – A set of fields and values that match a product, version and their dependencies rules

Field – A name of a set of available values. Some of the values can be relevant only to some of the products and/or versions

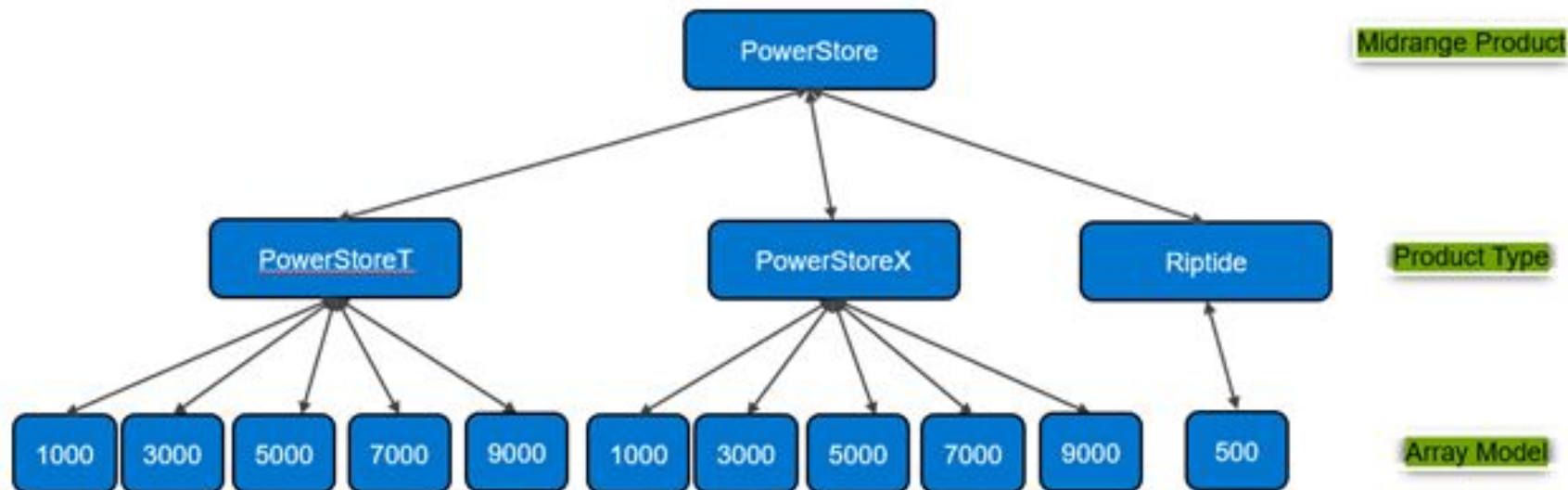
Dependencies – A relation between a specific field and its value to another field and a value.

Example



Example

DELLEMC PowerStore Product – Types and Models



Actors



Admin

As an Administrator,
I want to be able to
manage the Numbine
users



Config

As a Configurator,
I want to be able
to define my
product
configuration



Tester

As a Tester, I want
to be able to create
test configuration
files to use



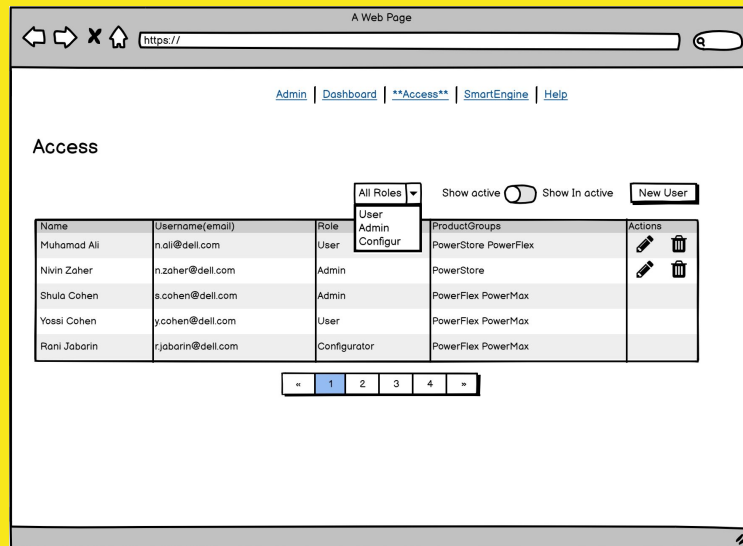
Admin - Tasks

As the Admin I would like:

CRUD users and set their roles

RD files created by users

To CRUD Products to the system





Config - Tasks

As a Config Manager I would like:

To CRUD configuration parameters to my products

To CRUD parameters values to my product versions

To CRUD Releases to the product I am owning

A Web Page

https://

[Products](#) | [User Mapping](#) | [Release](#) | [Test Configuration](#) | [Test Configuration Values](#) | **[**Product Release Mapping**](#)** | [Help](#)

Product Release Mapping - New Param Mapping

Param name:

Once Param name is selected, the table is filled.
For update, the Param name is selected accordingly and the table is filled

Value	Start Release	End Release
1000	<input type="text" value="N/A"/>	<input type="text" value="N/A"/>
3000	<input type="text" value="1.0"/> <input type="text" value="1.1"/> <input type="text" value="2.0"/> <input type="text" value="2.2"/>	<input type="text" value="Forever"/> <input type="text" value="1.0"/> <input type="text" value="1.1"/> <input type="text" value="2.0"/> <input type="text" value="2.2"/>
5000		

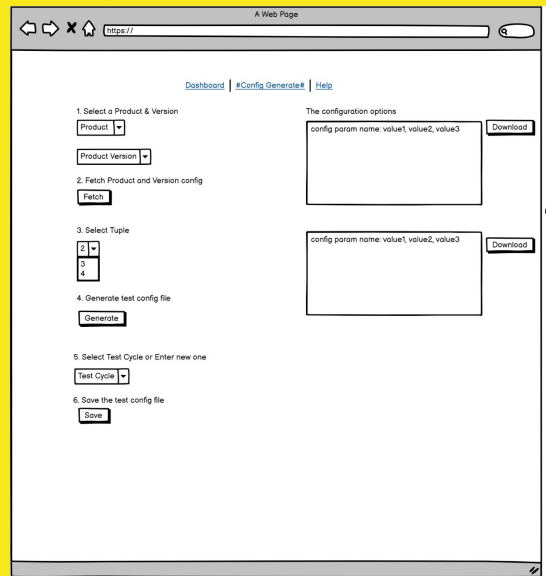


Tester - Tasks

As a Tester I would like:

To CRUD config test files for my
Product version testing plans

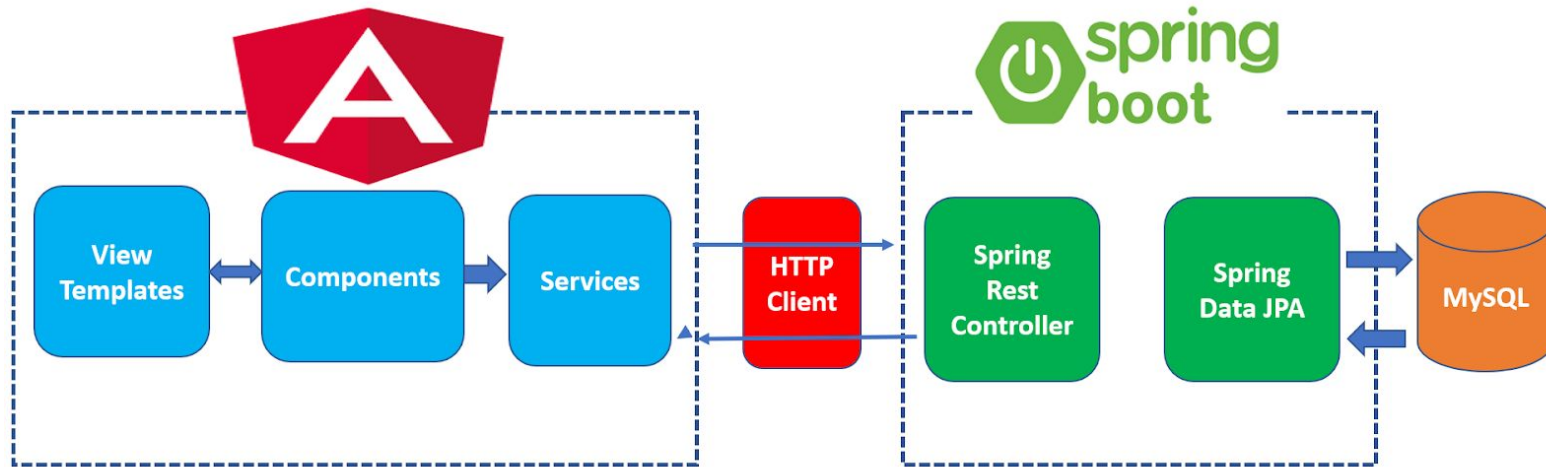
To view previous test files that i have
created for testing



Application flows

1. Admin manager manages the users of the system and their roles
2. Config manager manages the product version configurations parameters and values
3. Tester creates test configuration files to be used in QA environment

Development technology stack

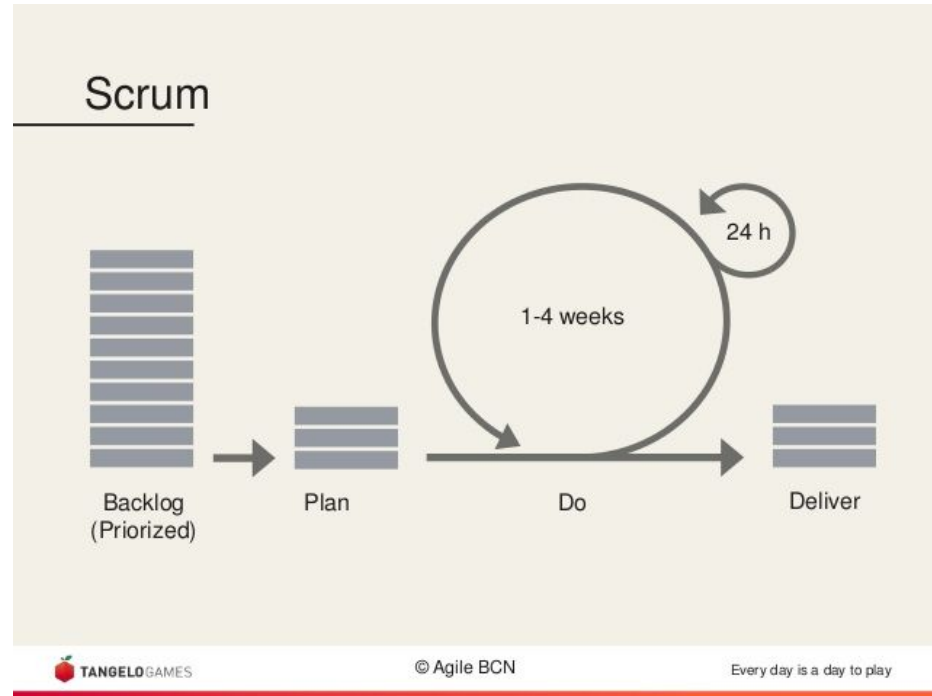


Working - Agile

Face to face Communication

Teams – motivated, trusted
individuals, self-organizing,
cross-functional

Sprints, building the project in small iterations





ANY QUESTIONS?



תודה شکرا Thank you
