

# NgRx Container / Presentation

Architecture patitern to help make things reusable and testable.

Container - Imput/Output - Presentation

Container = how things work. Loading and Dispatching.

 Presentation = presenting the data, how things work, but doesn't deal with observables.

## NgRx - Reducing Boiler Plate

NgRx Schematics works with the CLI. Blueprints that make it very easy to use.

### NgRx Data

- Becoming an official NgRx package soon
- Really nice way to build out NgRx Schematics. Should look into it.

### What belongs in the store: SHARI

- Shared shared state is accessed by many components and services
- Hydrated state that is persisted and hydrated from storage
- Available state that needs to be available when re-entering routes
- Retrieved state that needs to be retrieved with a side effect
- Impacted state that is impacted by actions from other sources

### What doesn't go in the store:

- Forms... WTF?
- Data that can't be serialized
- State that is solely owned by a component doesn't belong in the store.

### Ideally

Application can be booted up with a specific state to recreate any scenario.

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