# Tape Framework Less random stuff in random places

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#### Modules

- (Ported from Duct.)
- The configuration is initiated twice.
- First into an intermediate configuration,
- which in turn is initiated into the system.

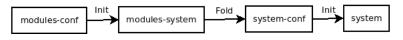


Figure: Modules

## Components

- Note: two types of components:
  - Module components: fns that add to the config map.
  - System components: whatever.

```
(defmethod ig/init-key : tape/const [_ v] v)
```

Figure: Need later

#### Re-Frame Globals

• Re-Frame chose globals for a simpler API.

Figure: Re-Frame plain

Figure: Reagent plain

## Use Integrant

• Begone globals.

Figure: Re-Frame Integrant

Figure: Reagent Integrant

## Automate use Integrant

• Leverage Integrant keys inheritance.

Figure: Re-Frame Integrant

Figure: Reagent plain

#### Use Modules

• Modules are buckets of handlers, subscritptions, view fns.

Figure: Controller module

Figure: View module

#### Automate use Modules

Have to annotate fns.

Figure: Controller module

Figure: View module

# Leverage Intuitions

- MVC is well understood, let's use it in naming.
- Controller: Re-Frame stuff.
- View: Reagent stuff.
- Model: whatever.

# Consistent Naming

- Force: event names to be namespaced.
- Force: handlers names to match event names.
- If a view is rendered as a result of an event handler executing, their names should match.

```
:my.app.people.controller/index ;; event
my.app.people.controller/index ;; handler
my.app.people.view/index ;; view
```

# Leverage Metadata

- Annotate fns.
- Automate module definition via defmodule.

Figure: Controller module

Figure: View module

## Links

https://github.com/tape-framework