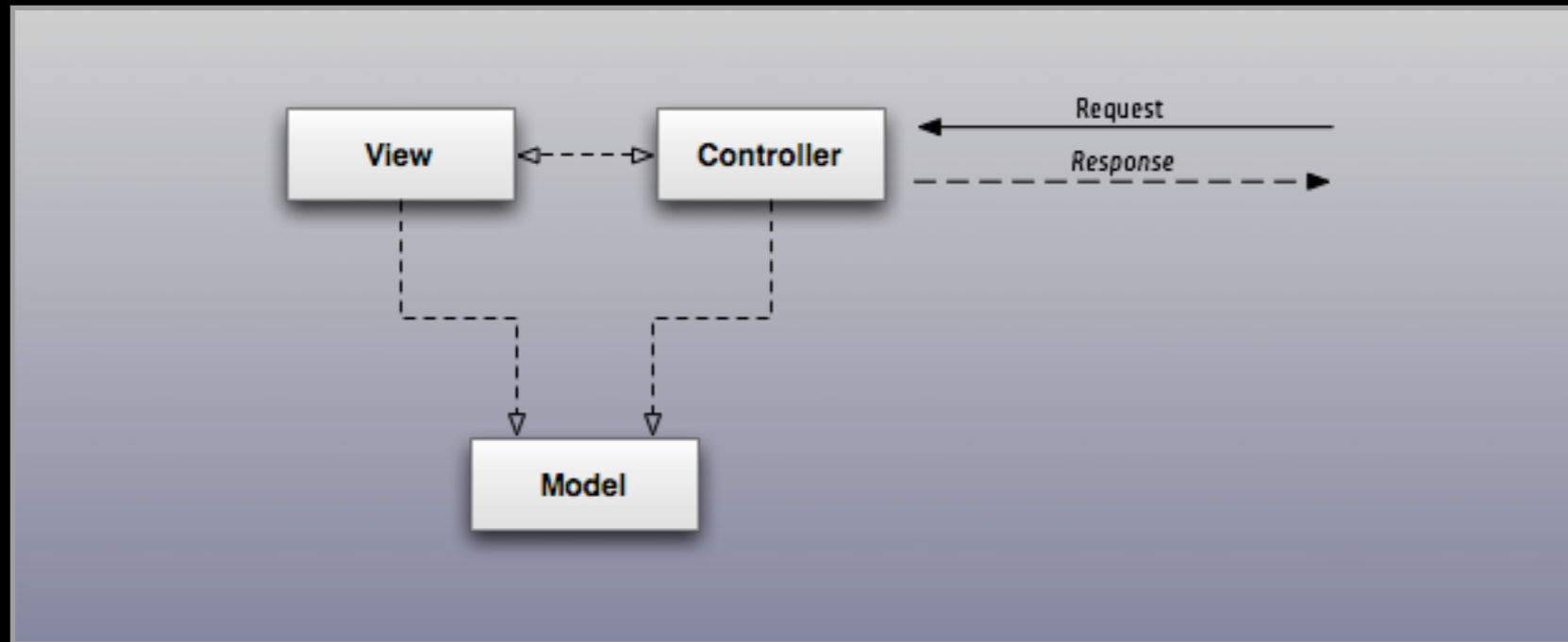




## **Model-View-Controller with FLOW3**

# The MVC Pattern



# Model

- an object which contains data and business logic of a certain domain
- doesn't contain any information about the presentation of that data, but rather defines the behaviour
- in the FLOW3 project we prefer a special kind of model, the Domain Model

# View

- represents the display of the model on the web or another output channel
- views only display data, they don't build or modify it

# Controller

- ❖ reacts on user input, selects and manipulates the model as accordingly
- ❖ selects a view and passes it the prepared model for rendering

# Action Controller

- ☛ An action controller
  - accepts a request
  - evaluates arguments
  - calls the action defined in the request
  - and adds output to the response

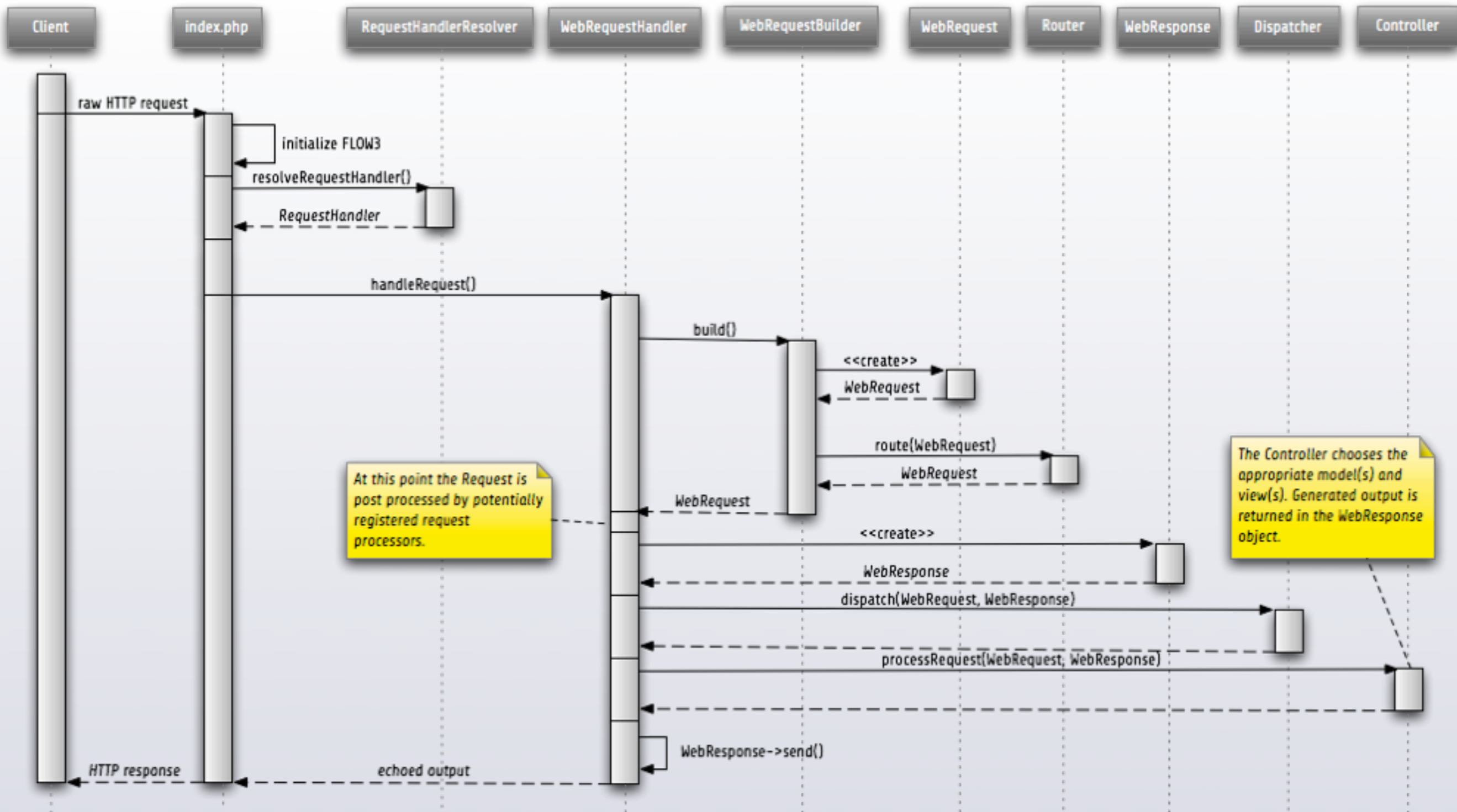
# Methods

- ❖ Initialization for the whole controller:  

```
public function initializeController() { ... }
```
- ❖ Actions - methods just need an "Action" suffix:  

```
public function defaultAction() { ... }  
public function deleteAction() { ... }
```
- ❖ Initialization before any action is called:  

```
public function initializeAction() { ... }
```



At this point the Request is post processed by potentially registered request processors.

The Controller chooses the appropriate model(s) and view(s). Generated output is returned in the WebResponse object.



# Links

- 🔗 FLOW3 Website  
<http://flow3.typo3.org>
- 🔗 TYPO3 Forge  
<http://forge.typo3.org>
- 🔗 MVC Documentation  
<http://flow3.typo3.org/documentation/reference/mvc-framework/>

So long and thanks for the fish



# Questions

**Model-View-Controller with FLOW3**

Inspiring people to  
**share**

TYPO3

