Inspiring people to share Model-View-Controller with FLOW3
The MVC Pattern

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
The MVC Pattern

**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

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Controller

- reacts on user input, selects and manipulates the model as accordingly
- selects a view and passes it the prepared model for rendering
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:
  ```php
  public function initializeController() { ... }
  ```

- Actions - methods just need an "Action" suffix:
  ```php
  public function defaultAction() { ... }
  public function deleteAction() { ... }
  ```

- Initialization before any action is called:
  ```php
  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.
Inspiring people to share

Links
- FLOW3 Website
  http://flow3.typo3.org
- TYPO3 Forge
  http://forge.typo3.org
- MVC Documentation
So long and thanks for the fish

Questions

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