









Example Control Flow in MVC User interacts with the VIEW UI CONTROLLER handles the user input (often a callback function attached to UI elements) CONTROLLER updates the MODEL VIEW uses MODEL to generate new UI UI waits for user interaction





Web App Framework Architecture

- Most frameworks follow the Model View Controller (MVC) architectural pattern
- Most MVC frameworks follow a push-based architecture
 - use actions that do the required processing, and then "push" the data to the view layer to render the results
- Alternative pull-based architecture
 start with the view layer, which can then "pull" results from multiple controllers as needed

Popular web application frameworks

- <u>http://en.wikipedia.org/wiki/Ruby_on_rails</u> (Ruby)
 <u>http://www.rubyonrails.org/screencasts</u>
- <u>http://en.wikipedia.org/wiki/Cake_php</u> (PHP)
 <u>http://cakephp.org/screencasts</u>
- <u>http://en.wikipedia.org/wiki/Turbogears</u> (Python)
 <u>http://showmedo.com/videos/series?name=TurboGears20MinWiki</u>
- http://en.wikipedia.org/wiki/Django %28web framework%29 (Python) http://www.throwingbeans.org/django screencasts.html
- <u>http://en.wikipedia.org/wiki/Google_App_Engine</u> (Python, Django)
 <u>http://www.youtube.com/watch?v=3Ztr-HhWX1c</u>







