

ICT Skills Studio



ICT Skills Studio Objectives

- Develop a competence in Git, Github & Bitbucket configuration management and repository systems
- Introduce the fundamentals of the Agile Development Method
- Continue to evolve core programming skills via:
 - Introduction to the Javascript programming language
 - Fundamentals of Web Application development using Node
 - Deployment and management of applications using glitch.com



Topics

Git Workshop I



An introduction to git using the command line.

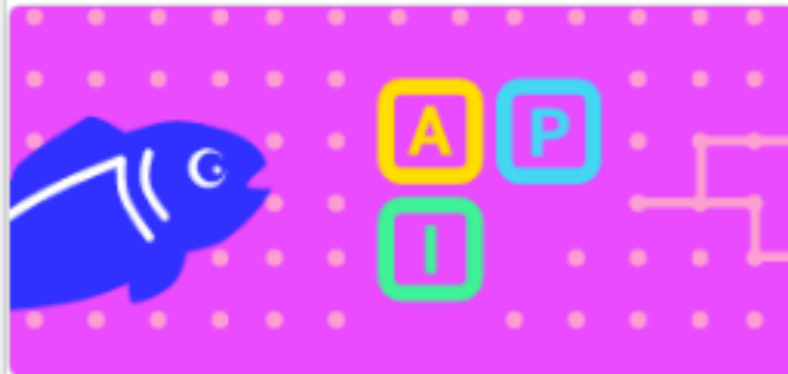
Agile Methods



Explore the Agile Software Development Methodology in the context of your recent assignments.



Introduction to Glitch



An introduction to the Glitch platform + the very basics of the Javascript Language

Controllers & Views



Build your first gomix app, a simple static playlist web site.

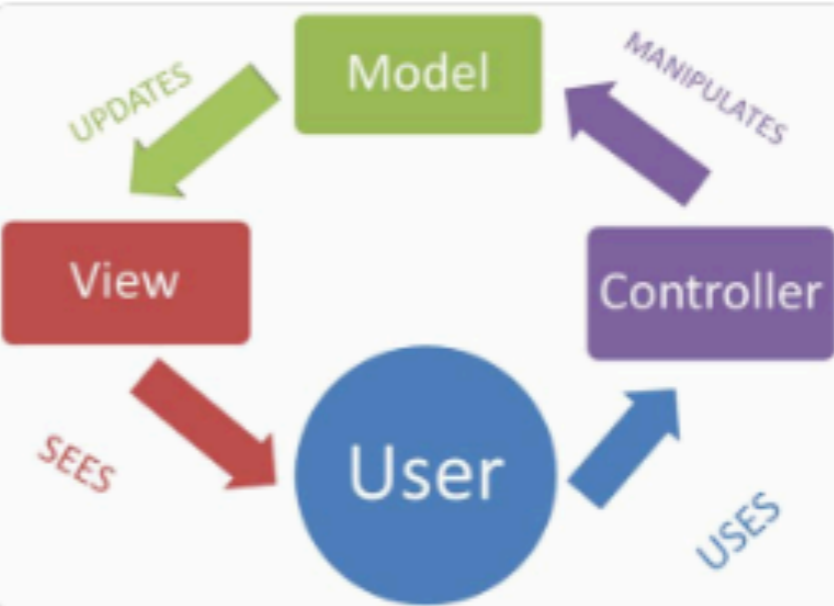


Templates & Routes

Template engine

Explore templating in more detail.
Enhanced the routing behaviour

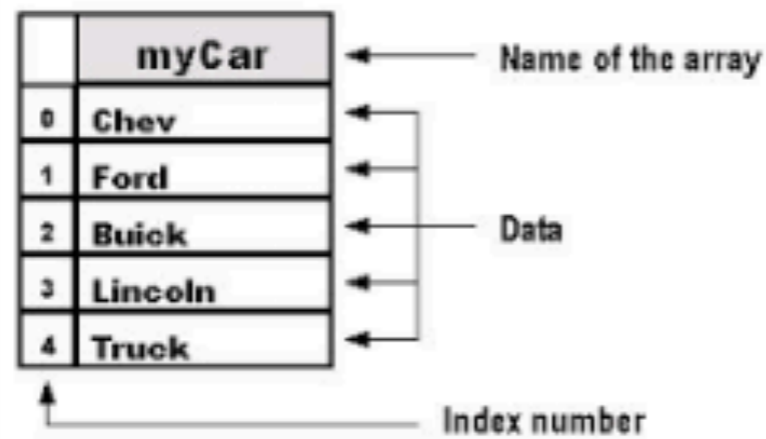
Model View Controller



Explore MVC as implemented in Playlist



JS: Arrays



Comparison of an array to a column of data

Sessions



In order to implement user account management, sessions provide a mechanism for identifying specific users



Git Workshop II



An introduction to more git commands and concepts using the command line.

Assignments



Specification for assignment for this module

