

Cyber Dojo

1. Cyber-dojos are a place where programmers meet to practice their programming.
2. Cyber-dojos are online browser-based coding environments.
3. Cyber-dojos are the world's simplest *non* development environments.

Each programmer group

- writes their code and tests inside a web browser
- presses their run-tests button to submit their code and tests to the cyber-dojos server
- the server saves the submission, runs the tests, and returns the test-outcome to the browser as a traffic light:
 - red if one or more tests failed
 - amber if the tests could not be run (eg syntax error)
 - green if all the tests passed
- click any traffic-light to view its diff
- Dashboard shows the traffic light history of all groups.
- start a new practice session from any traffic-light

Uses

A Cyber-dojos is a great practice environment for learning about coding, test driven development, team dynamics, and collaboration. Each group writes their code and their test-code totally inside a web browser each group submits their code and test-code to the Cyber-dojos server as often as they wish the Cyber-dojos server saves the submission, runs the tests, and returns the test-outcome to the browser

- Test driven software development
- Team dynamics and collaboration