

Name: Frank Goodman

Title: Arr! Pyret Grading Infrastructure

Abstract:

Pyret is a programming language designed for programming education. I created a web application to provide instructors with the ability to automatically evaluate programs and test suites supplied by students against correct programs, incorrect programs, and test suites supplied by the instructor. This application integrates with code.pyret.org to pull student submissions from Google Drive, to run them against the instructor programs in the browser, and to provide itemized results to the instructor in a JSON blob.