

Sprint Report II

Team Overview

Name

Silver Redux

Members

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Project Title

APMAX Test Suite and Set-Top Box Regression Testing Framework

Company

Innovative Systems, LLC

Sprint Report

Work for this sprint included:

- Emulator Client
 - Created a wizard for running tests (Emulator Client)
 - Automatically Writes to the database
 - Support for elapsed time while running tests
 - Bug Fixes
 - Fixed client crashing when deleting a command group that has > 0 commands.
 - Fixed client crashing when deleting a command type that has > 0 parameters.
 - Fixed glitch with moving menu items
 - Fixed crash when test not selected for certain pages
 - Fixed Various DevExpress Theme/Style Bugs
 - Fixed Spacing Problems on Command Types
 - Fixed Adding New Packages (MDI behavior broke this feature)
 - Deleting a Test Command Type no longer throws an exception
 - Emulator Client – MDI Behaviors
 - Implemented MDI (Multiple Document Interface) Style
 - Made User Controls Resizable
 - Clicking an item in the toolbar focuses that active window if one exists
 - New windows are now focused when opened
 - Converted Controls on the following pages to DevExpress
 - Command Types
 - vPeople Commands
 - vPhones Commands
 - vPeople Command Groups
 - vPhones Command Groups
 - View Tests
 - Setup Tests
- Emulator Controller:
 - Implemented new command (*CmdInsertMessageForTesting*)
 - Prevented SerializationLookup from logging repeatedly for an unhandled message type
 - Add handling for unhandled SI Stream types
 - Get connection string for databases from command line
 - Fixed TCP send/receive (Needed to both use the same socket)
- Created Smartphone Launcher:
 - Changed Implementation of Smartphone Emulator to not use Visual Studio Load Test Framework
 - Created and implemented a service interface
 - Created a client for this service
- APMAX Performance Stats Commands
 - Added appropriate database table
 - Tied performance stats to the EmulatorClient
 - Handles received messages
 - Extracted MessageContainers from APMAXTestSuite.Common

Work that is carried over into sprint 3 is as follow:

- Test APMAX Performance Stats commands
- Add the new smartphone launcher to the Emulator Client
- Investigate some slow database calls in the Emulator Client
- Implement Graphs in Test History
- Implemented Test Summary in Test History
- Implement a way for comparing test runs
- Finalize End-User Documentation (Tester, Developer)
- Testing the Emulator Client (Including writing test cases)
- Convert Test / TestRun ComboBox into LookupEdit
- Finish any remaining features for the Test Run Wizard
- Finish Refactoring Setup Tests page