

Martus

Information is Power

Mac Knight, Miki Sugimoto, Donovan Roseau
College of Charleston, Computer Science Department

Introduction

- Martus is an open-source project aimed at creating an environment where individuals can report crimes or malicious act in third world countries.
- Our goal is to clone the source code in the project and some of the Martus's functionality
- Then have the created tests execute from the top-level directory, and have the results displayed in a web browser.

Purpose

- Learn to thoroughly test code
- Become more adept at utilizing Github
- Collaborate with a team to write functional code
- Read and edit code from other software engineers
- Learn scripting and creating test drivers.

Methods

- Github was used to collaborate between team members.
- Source code was download from the Martus repository and put into a team repository
- The operating system, Linux, was utilized to ensure uniformity among group members
- Created twenty-five test cases to test methods in Martus
- Created a test driver and script to execute each test case

Results

- A github repository containing the Martus Android app source code
- We learned that the app version was not completely functional
- A test driver that executes a few methods within the source code
- A script that executes the test driver and displays the results in a web browser

Conclusion

The project has taught us how to create a testing framework for a project and implement it. As well as analysing code from other individuals and using the Unix command line to compile and execute files.

Acknowledgements

Dr. Bowring and the Computer Science at the College of Charleston

Team Information									
Martus Test Suite Results									
Test	Implementation Status	Method	Source	Expected Results	Actual Results	Test Status	Test Date	Test Time	Test Location
001	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
002	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
003	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
004	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
005	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
006	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
007	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
008	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
009	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
010	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
011	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
012	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
013	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
014	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
015	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
016	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
017	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
018	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
019	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
020	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
021	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
022	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
023	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
024	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
025	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
026	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
027	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
028	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
029	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
030	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
031	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
032	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
033	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
034	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
035	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
036	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
037	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
038	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
039	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
040	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
041	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
042	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
043	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
044	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
045	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
046	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
047	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
048	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
049	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost
050	The method should return an integer that shows the number of days between date1 and date2	getDaysBetweenDates	getDaysBetweenDates	100	100	pass	2015-11-09 10:10:10	0.001	localhost