# Martus Information is Power

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### Introduction

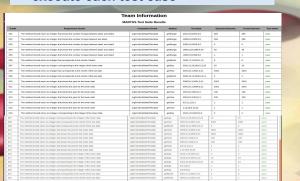
- Martus is an open-source project aimed at creating an environment where individuals can report crimes or malicious act in third world countries.
- Our goal is to clone the source code in the project and some of the Martus's functionality
- Then have the created tests execute from the top-level directory,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

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