Home

When you are coding, how often do you run your unit test suite? Once a day? Once an hour? Once a minute? Could you even run the suite once a minute if you wanted to? Project Background

Also see Extreme XP Tools.

General Information

Introduction

Regardless of your political beliefs, as an agile and test-infected developer, we'd like you to consider the benefits of adhering to strict, some might say "dictatorial", limits on the way that you write your unit tests as well as the code being tested (SUT).

We should clarify that these restrictions apply only to unit tests (and not system tests or integration tests, which are also of great importance to the success of any project). However, your unit tests, at least one for each class in your codebase, should be clean and decoupled from one another. Your unit test suite should run ultra-fast, so that you're encouraged to run it often. We think you should be able to run thousands of unit tests and get your green bar in a few seconds. Achieving that kind of performance takes major discipline on the part of the developer, and Ashcroft helps you learn that discipline by failing tests which stray from acknowledge best practices.

Remember, the most severe restrictions often lead to the most creative solutions.

Ten Commandments of Unit Tests

1. I am the class being tested. Thou shalt not test any other class but me.
2. Thou shalt write isolated tests
3. Thou shalt not access files during unit tests
4. Thou shalt not write two tests which depend upon each other

There are more of these to come... we are currently soliciting feedback.

How Does This Work

Ashcroft has an implementation of the Java seurity manager. Once registered (See FAQ), it will start monitoring the process. Ashcroft can be configured through additional VM parameter (See Ashcroft Configuration).

More Details

Technical FAQ

- How do I use Ashcroft with Ant
- How do I use Ashcroft with Maven
- How do I use Ashcroft with IntelliJ IDEA
- How do I use Ashcroft with Eclipse

- What is Ashcroft's peformance impact

Design FAQ

- Why accessing the file system is not allowed
- How does Ashcroft improve my design skills

Java Security Manager

- http://www.javaworld.com/javaworld/jw-11-1997/jw-11-hood.html
- http://java.sun.com/docs/books/tutorial/security1.2/

Download

You can download the attached jar at this page.

Or you can build it from the Subversion repository: svn://beaver.codehaus.org/ashcroft/scm

Open issues and bugs

Error rendering macro 'jiraissues' : Unable to determine if sort should be enabled.

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