

How to Write a Unit Test

(you can tell a lot about a system by its test suite)

Tristan Baker

About me

- Architect with the TurboTax group at Intuit in San Diego
- Bachelors in Computer Science, UCSD
- Currently building real time intelligent personalization systems that will power the next generation of TurboTax products
- I love long walks through elegant code and to cuddle up with a good book on effective software design next to a warm rack of servers handling 1000's of concurrent transactions per second.

A program

```
$> java -jar untestable.jar
```

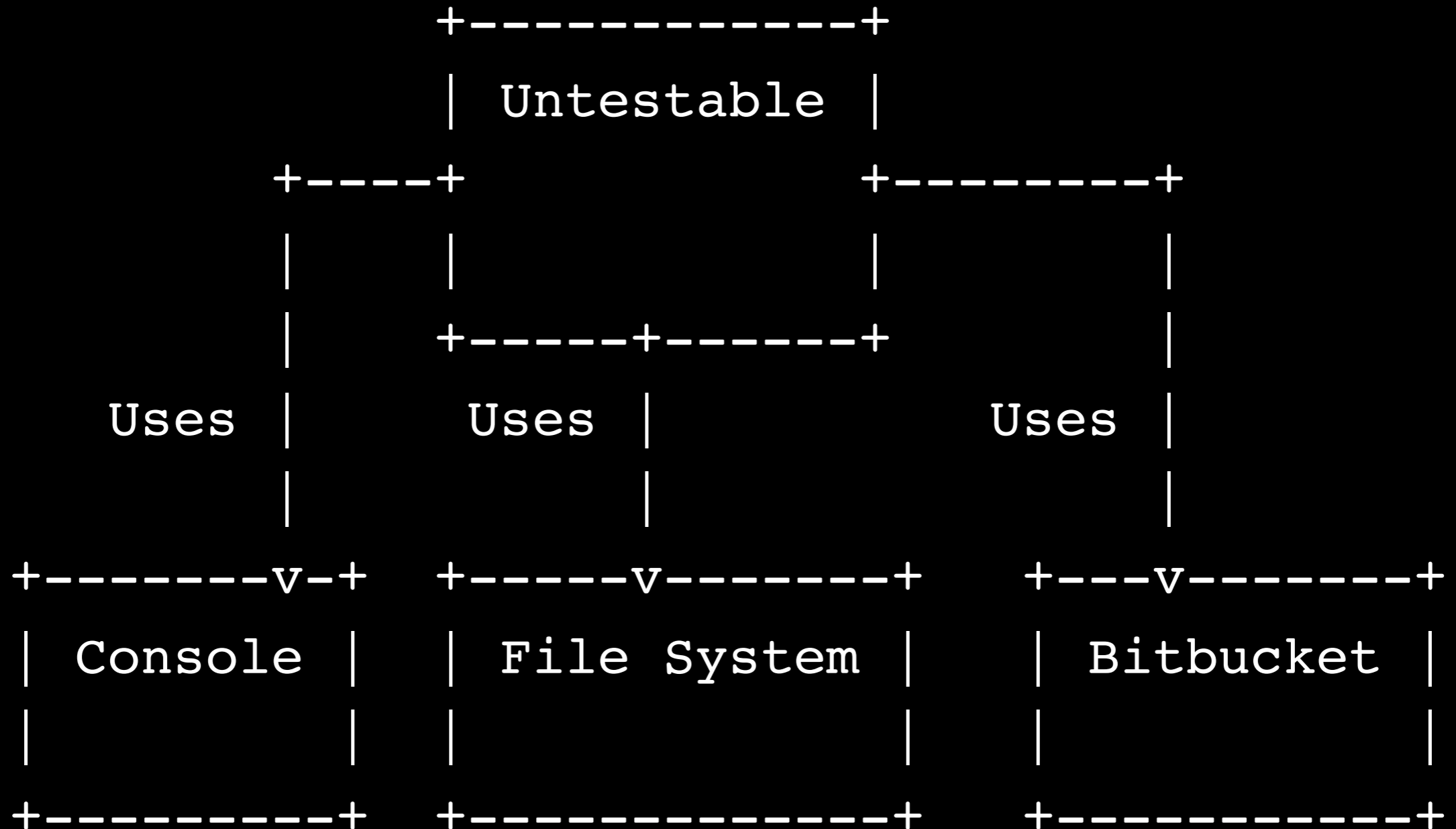
```
Username: tcbakes
```

```
Password:
```

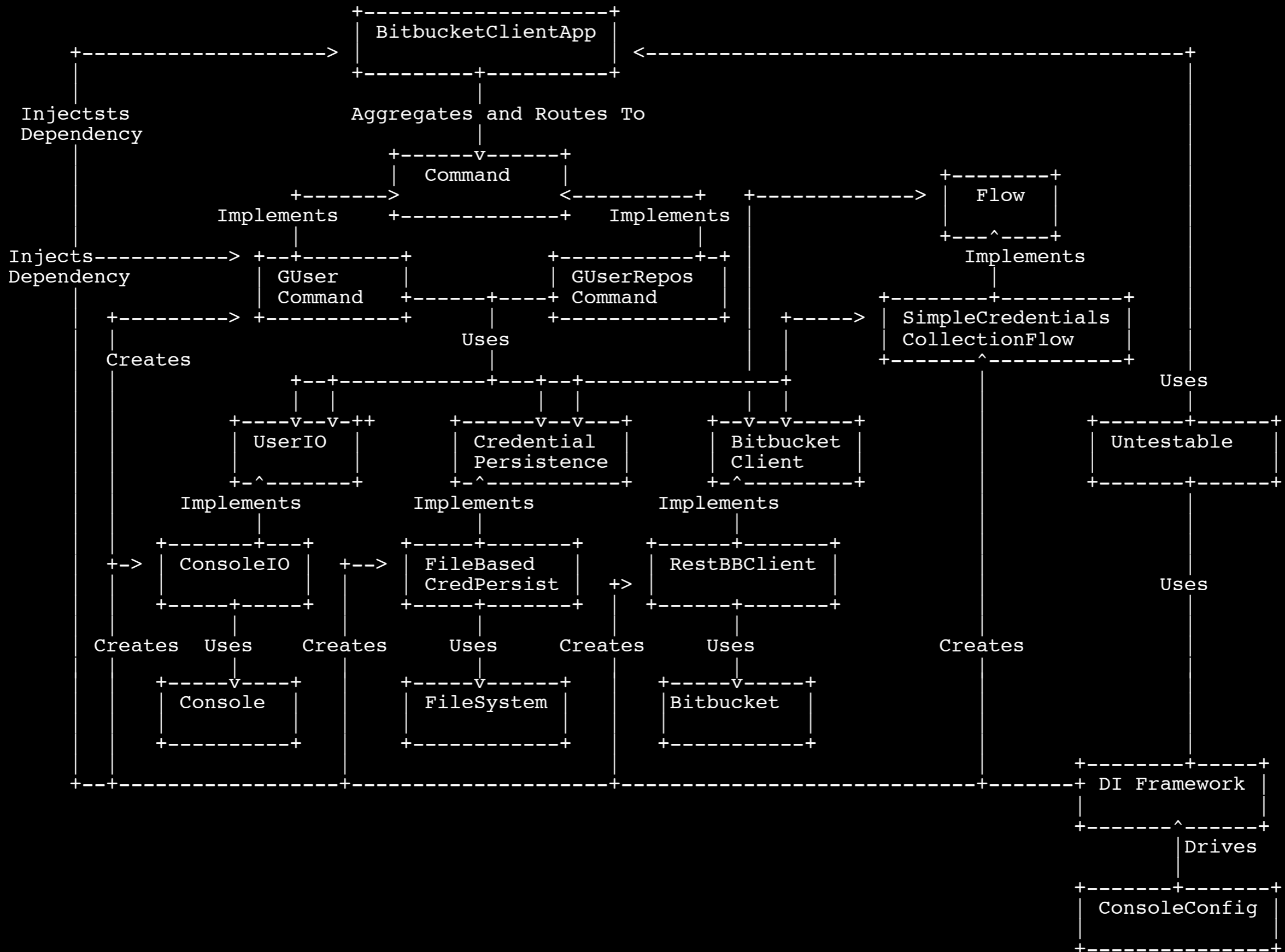
```
Remember [y/n]: y
```

```
{"user": {  
  "is_staff": false,  
  "resource_uri": "/1.0/users/tcbakes",  
  "last_name": "Baker",  
  "avatar": "https://bitbucket.org/account/tcbakes/avatar/32/?ts=0",  
  "display_name": "Tristan Baker",  
  "first_name": "Tristan",  
  "is_team": false,  
  "username": "tcbakes"  
}}
```

An untestable implementation



A testable one



on to the code!

<https://bitbucket.org/tcbakes/untestable>