Kata-time

Preferences

type filter text

- Help
- Install/Update
- Java
  - Appearance
  - Build Path
  - Code Coverage
  - Code Style
  - Compiler
  - Debug
  - Editor
    - Content Assist
    - Folding
    - Hovers
    - Mark Occurrences
    - Save Actions
    - Syntax Coloring
    - Templates
    - Typing
  - Installed JREs
  - JDepend
  - JUnit
  - Properties Files Editor
- Java EE
- Java Persistence
- JavaScript
- JSON
- Maven
- Mylyn
- Oomph
- Plug-in Development
- Remote Systems

Templates

Create, edit or remove templates:

Name	Context	Description	Auto Insert
public_stat...	Java type members	public static method	
runnable	Java	runnable	
SashForm	SWT statements	new SashForm	
Scale	SWT statements	new Scale	
ScrolledC...	SWT statements	new ScrolledComp...	
Shell	SWT statements	new Shell	
should	Java	test method (Junit 4)	on
Spinner	SWT statements	new Spinner	
static_final	Java type members	static final field	
StyledText	SWT statements	new StyledText	
StyleRange	SWT statements	new StyleRange fo...	
switch	Java statements	switch case statem...	
synchroniz...	Java statements	synchronized block	
syserr	Java statements	print to standard e...	on
sysout	Java statements	print to standard out	on
systrace	Java statements	print current meth...	on

New...

Edit...

Remove

Restore Removed

Revert to Default

Import...

Export...

Preview:

```
@${testType:newType(org.junit.Test)}
public void ${should}() {
}
```

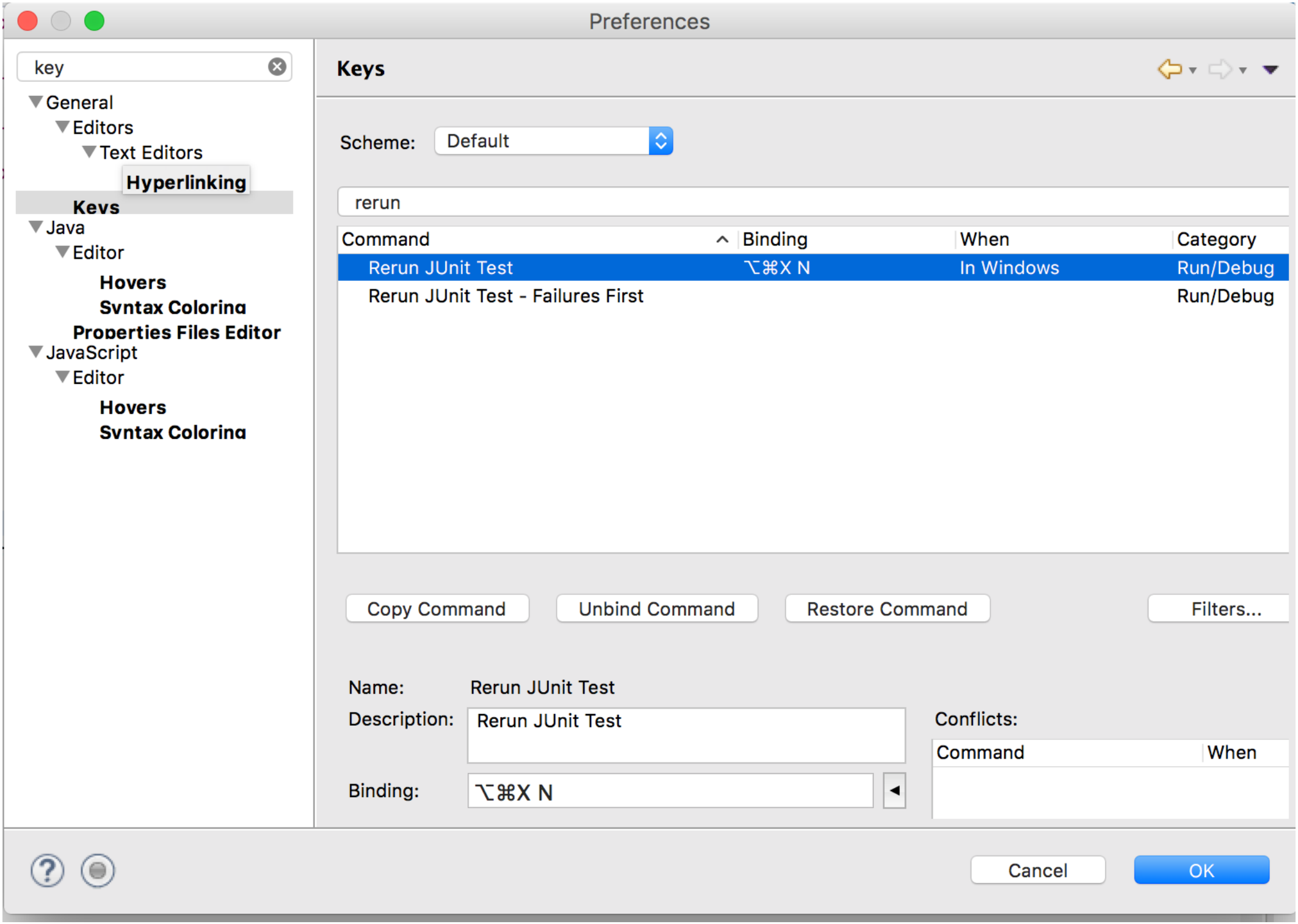
Use code formatter

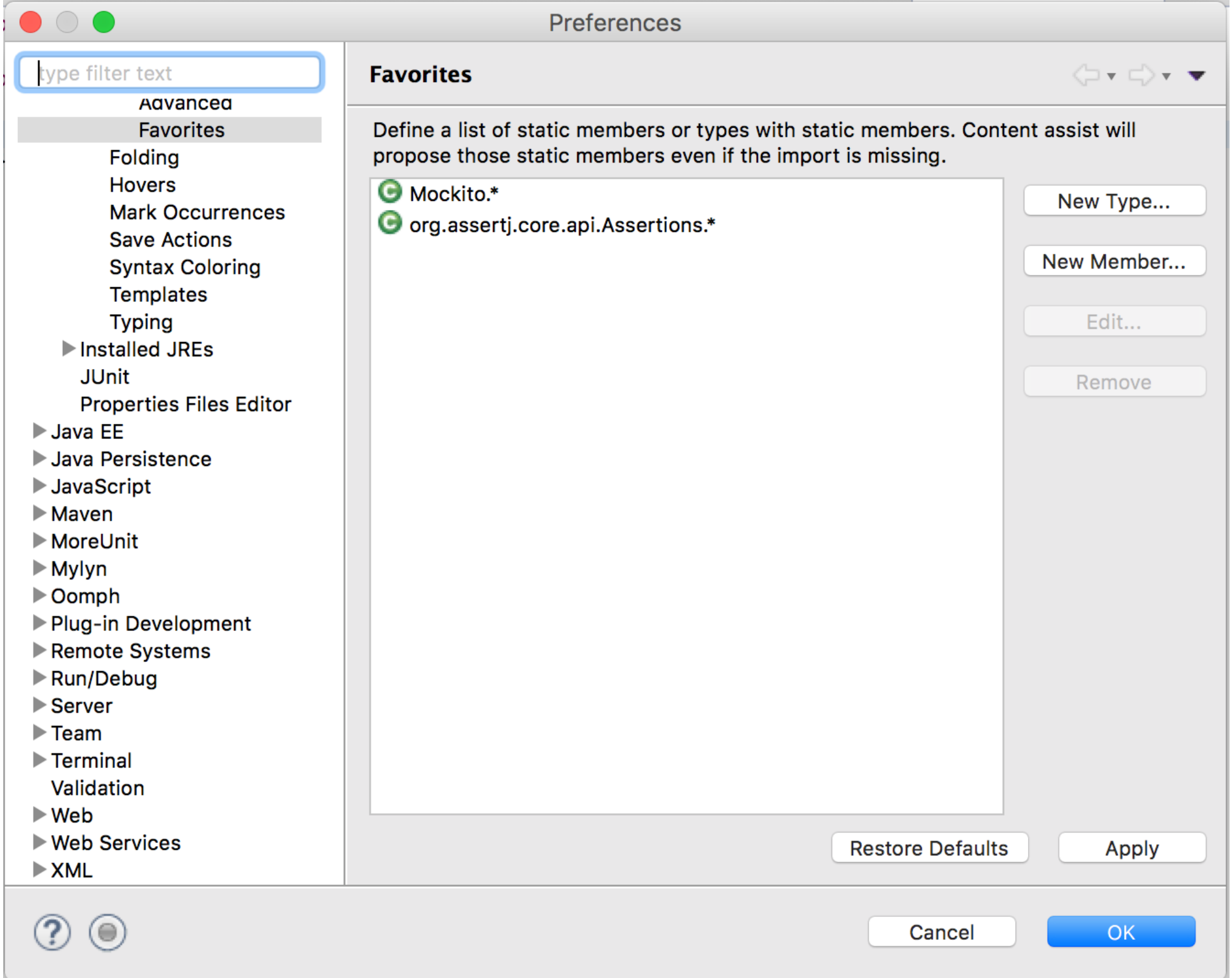
Restore Defaults

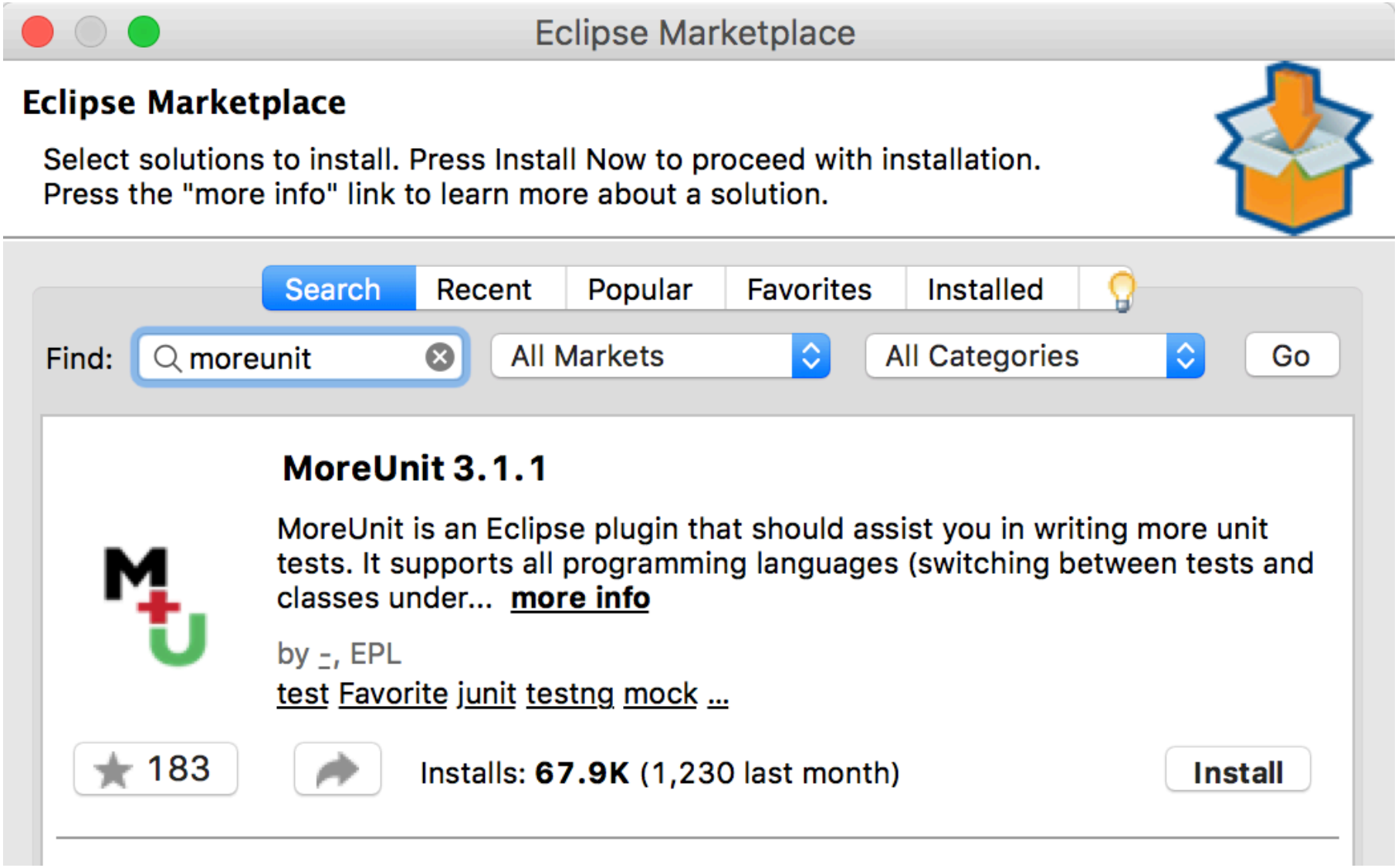
Apply

Cancel

OK


Preferences
key
General
Editors
Text Editors
Hyperlinking
Keys
Java
Editor
Hovers
Syntax Coloring
Properties Files Editor
JavaScript
Editor
Hovers
Syntax Coloring
Keys
Scheme:
Default
rerun
Command
Binding
When
Category
Rerun JUnit Test
⌥⌘X N
In Windows
Run/Debug
Rerun JUnit Test - Failures First
Run/Debug
Copy Command
Unbind Command
Restore Command
Filters...
Name:
Rerun JUnit Test
Description:
Rerun JUnit Test
Binding:
⌥⌘X N
Conflicts:
Command
When
Cancel
OK


Preferences
type filter text
Advanced
Favorites
Folding
Hovers
Mark Occurrences
Save Actions
Syntax Coloring
Templates
Typing
Installed JREs
JUnit
Properties Files Editor
Java EE
Java Persistence
JavaScript
Maven
MoreUnit
Mylyn
Oomph
Plug-in Development
Remote Systems
Run/Debug
Server
Team
Terminal
Validation
Web
Web Services
XML
Favorites
Define a list of static members or types with static members. Content assist will propose those static members even if the import is missing.
Mockito.*
org.assertj.core.api.Assertions.*
New Type...
New Member...
Edit...
Remove
Restore Defaults
Apply
Cancel
OK


Eclipse Marketplace
Eclipse Marketplace
Select solutions to install. Press Install Now to proceed with installation.
Press the "more info" link to learn more about a solution.
Search
Recent
Popular
Favorites
Installed
Find:
moreunit
All Markets
All Categories
Go
MoreUnit 3.1.1
MoreUnit is an Eclipse plugin that should assist you in writing more unit tests. It supports all programming languages (switching between tests and classes under... more info
by -, EPL
test Favorite junit testng mock ...
183
Installs: 67.9K (1,230 last month)
Install

Kata 1 - POJO

- String Calculator Kata
  - http://osherove.com/tdd-kata-1/

- Ping Pong TDD
  - http://coderetreat.org/facilitating/activities/ping-pong

- PreReqs:
  - JUnit

eller

  - https://github.com/jonananas/tdd-workshop

String Calculator

The following is a TDD Kata- an exercise in coding, refactoring and test-first, that you should apply daily for at least 15 minutes (I do 30).

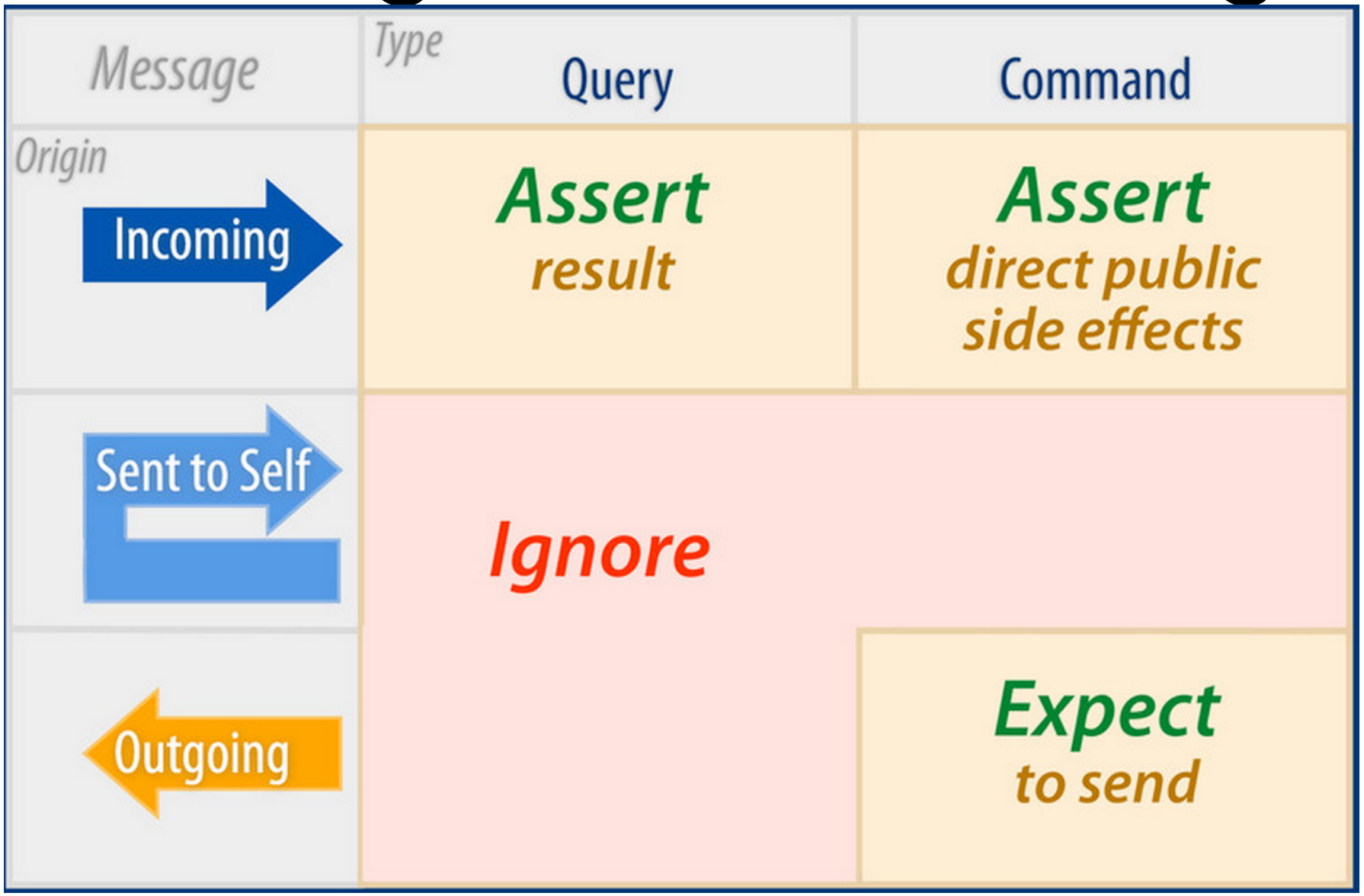
Before you start:

- Try not to read ahead.
- Do one task at a time. The trick is to learn to work incrementally.
- Make sure you only test for correct inputs. there is no need to test for invalid inputs for this kata

String Calculator

1. Create a simple String calculator with a method int Add(string numbers)
    1. The method can take 0, 1 or 2 numbers, and will return their sum (for an empty string it will return 0) for example “” or “1” or “1,2”
    2. Start with the simplest test case of an empty string and move to 1 and two numbers
    3. Remember to solve things as simply as possible so that you force yourself to write tests you did not think about
    4. Remember to refactor after each passing test
2. Allow the Add method to handle an unknown amount of numbers
3. Allow the Add method to handle new lines between numbers (instead of commas).
    1. the following input is ok: “1\n2,3” (will equal 6)
    2. the following input is NOT ok: “1,\n” (not need to prove it - just clarifying)
4. Support different delimiters
    1. to change a delimiter, the beginning of the string will contain a separate line that looks like this: “//[delimiter]\n[numbers…]” for example “//;\n1;2” should return three where the default delimiter is ‘;’ .
    2. the first line is optional. all existing scenarios should still be supported
5. Calling Add with a negative number will throw an exception “negatives not allowed” - and the negative that was passed.if there are multiple negatives, show all of them in the exception message

The Magic Tricks of Testing



https://www.youtube.com/watch?v=URSWYvyc42M

Kata 2 - Mockito

- StringCalculator Mockito Kata
  - Nästa slide

  eller
  - https://github.com/jonananas/tdd-workshop

- Ping Pong TDD
  - http://coderetreat.org/facilitating/activities/ping-pong

- PreReqs:
  - JUnit

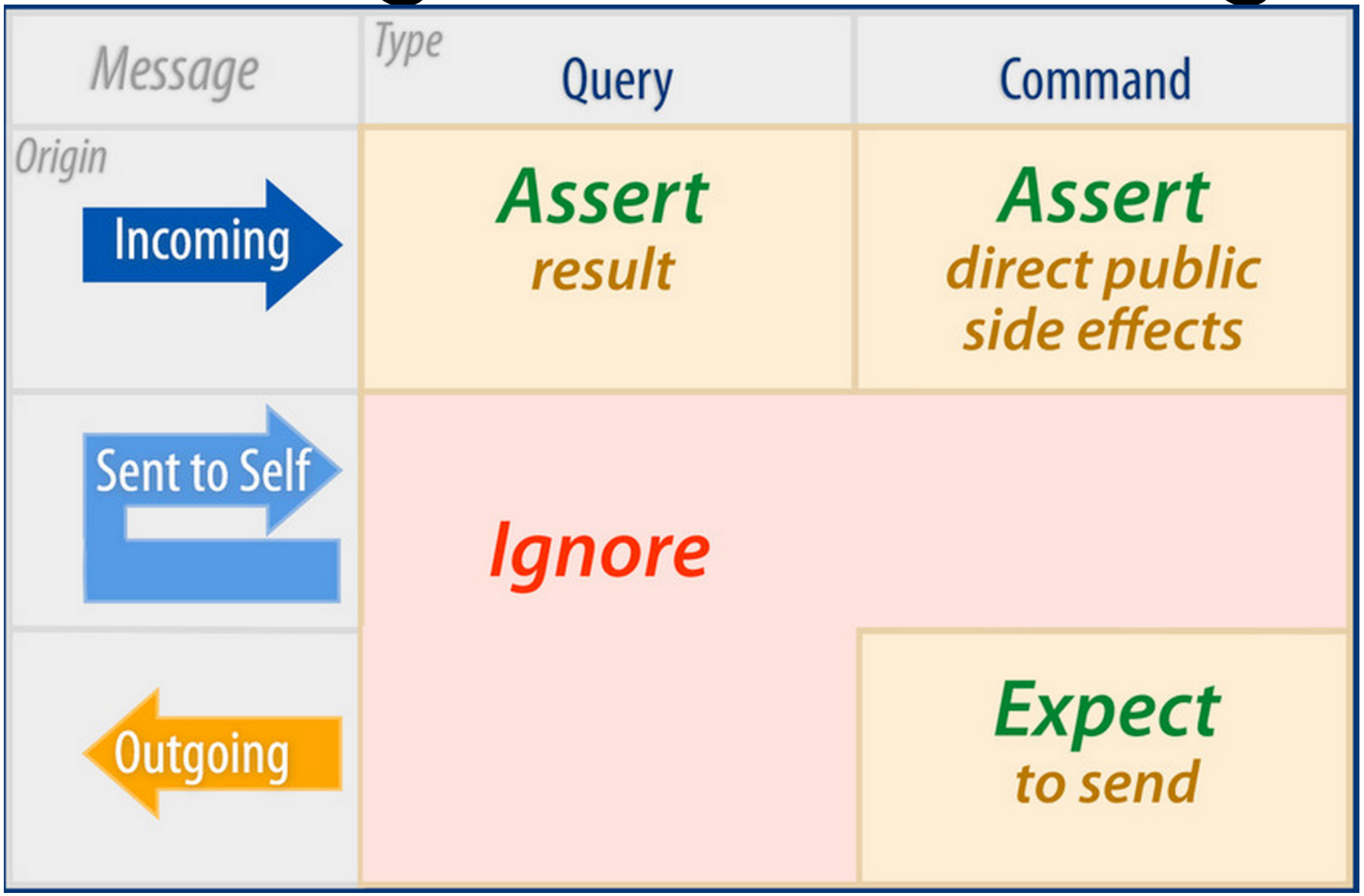
  eller
  - https://github.com/jonananas/tdd-workshop

StringCalculator Mockito Kata

Utgå från StringCalculator. Test först!

1. Logga resultatet från add() med log.info varje anrop.
2. Om log.info() slänger exception så ska det propagera ut från add().
3. log.info ska skriva ut object.toString() med varje anrop. Exempel: “…StringCalculator@45c8e616: 3”
4. Använd MockitoRunner och inject:a Logger och Captor i Testet

The Magic Tricks of Testing



https://www.youtube.com/watch?v=URSWYvyc42M

Kata 3 - valfritt!

- https://github.com/jonananas/tdd-workshop
- http://kata-log.rocks/