

# Testing RCP Applications with Q7

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Java2Days 2013

# UI Testing

UI is not about You and I

UI is about your users

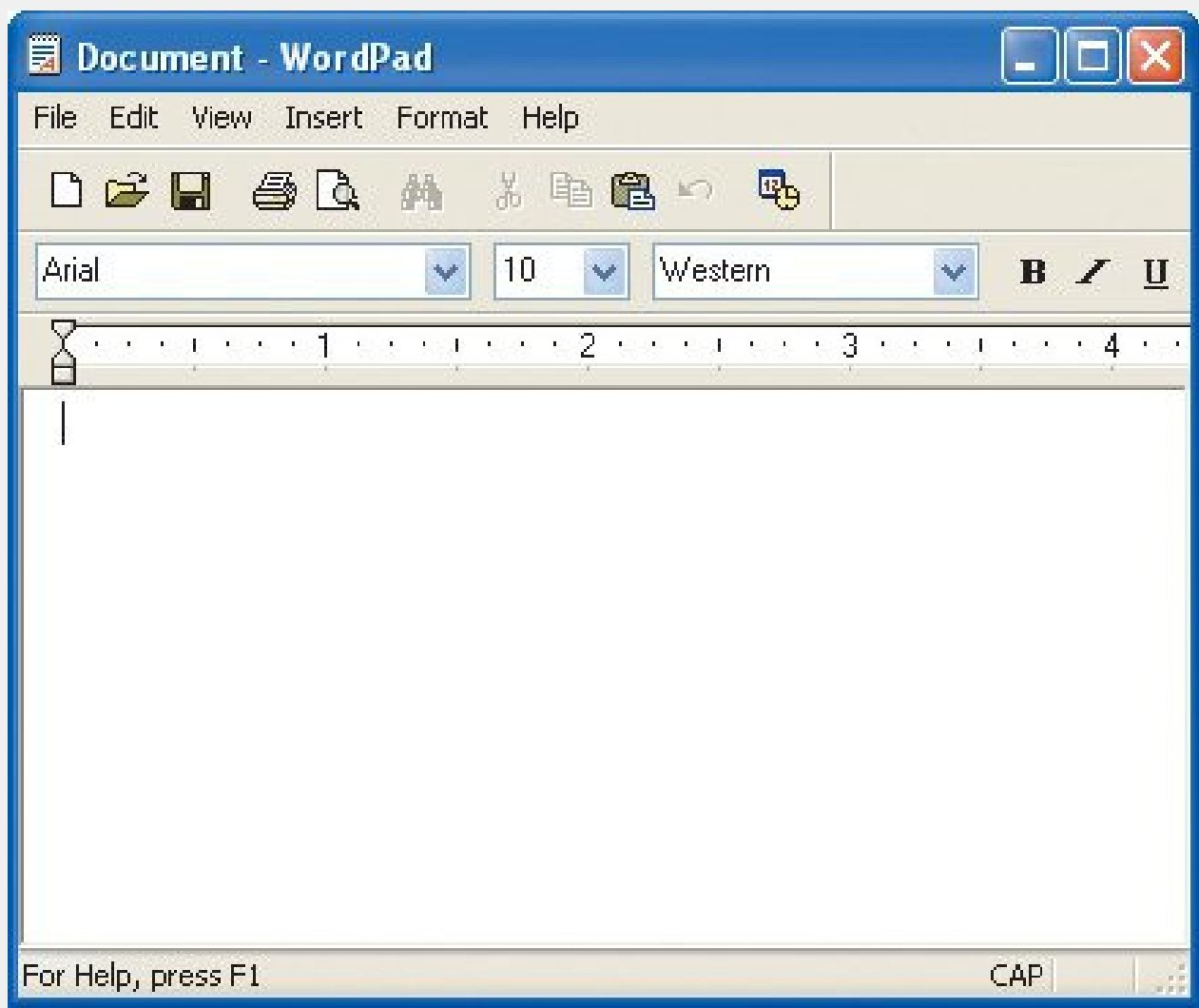


User





HOISTECH  
CRA  
SWL  
TEST NO.



**Package Explorer**

>Organizer

- >org.eclipse.jface.extensions.table
- org.eclipse.organizer.application
- org.eclipse.organizer.backend.ui
- org.eclipse.organizer.core [dev.e]
- org.eclipse.organizer.derby [dev.
- org.eclipse.organizer.derby.tests
- org.eclipse.organizer.outlook [dev
- org.eclipse.organizer.summary
- >org.eclipse.organizer.task.ui [de
  - >src
    - org.eclipse.organizer.dnd
    - org.eclipse.organizer.dnd.t
    - >org.eclipse.organizer.task
    - org.eclipse.organizer.task.i
    - org.eclipse.organizer.task.i
    - >org.eclipse.organizer.task
    - >ToDoView.java 1.4 (
    - org.eclipse.organizer.task.i
  - JRE System Library [jdk1.5.0\_0
  - Plug-in Dependencies
  - >icons
  - META-INF
    - MANIFEST.MF 1.2 (ASCII
  - schema
  - build.properties 1.1 (ASCII -k)
  - plugin.xml 1.1 (ASCII -kv)
- org.eclipse.organizer.task.ui.tests
- org.eclipse.organizer.workspace [
- >org.eclipse.swt.extensions.datep
  - >src
    - JRE System Library [jdk1.5.0\_0
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    - META-INF
    - build.properties 1.1 (ASCII -k)

Sudoku

### Overview

#### General Information

This section describes general information about this plug-in.

ID:

Version:

Name:

Provider:

Platform filter:

Activator:

Activate this plug-in when one of its classes is loaded

---

#### Execution Environments

Specify the minimum execution environments required to run this plug-in:

[Configure JRE associations...](#)

---

#### Plug-in Content

The content of the plug-in is made up of two sections:

- Dependencies:** lists all the plug-ins required on this plug-in's classpath to compile and run.
- Runtime:** lists the libraries that make up this plug-in's runtime.

---

#### Extensions

This plug-in may define extensions and extension points:

- Extensions:** declares contributions this plug-in makes to the platform.
- Extension Points:** declares new function points this plug-in adds to the platform.

---

#### Testing

**Outline**

- Overview
- Dependencies
  - org.eclipse.ui
  - org.eclipse.core.runtime
  - org.eclipse.organizer.core
  - org.eclipse.jface.extension
  - org.eclipse.swt.extension
- Runtime
- Extensions
  - org.eclipse.ui.views
  - org.eclipse.ui.newWizards
  - org.eclipse.organizer.task
  - org.eclipse.ui.editors
- Extension Points
  - drop\_handler
- Build

Overview | Dependencies | Runtime | Extensions | Extension Points | Build | MANIFEST.MF | plugin.xml >>1

**Tasks** Problems

0 errors, 0 warnings, 0 infos (Filter matched 0 of 298 items)

Description	Re

**Properties**

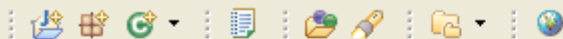
Property	Value
Info	
derived	false
editable	true
last modified	10/07/06 1
linked	false
location	C:\Docume
name	org.edipse



# Damage Control

Test before shipping

OK, cool, let's test



### Package Explorer

Plug-ins

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#### Testing

Overview | Dependencies | Runtime | Extensions | Extension Points | Build | MANIFEST.MF | plugin.xml »

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  - org.eclipse.ui.editors
- Extension Points
  - drop\_handler
- Build

### Tasks

Problems

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Description	Re

### Properties

Property	Value
Info	
derived	false
editable	true
last modified	10/07/06 1
linked	false
location	C:\Docume
name	org.edipse

So you really want to test  
your application manually



really

Of course you want!

# Happy Path Testing

It's already too late to start

Testing does not fit well  
into our ...



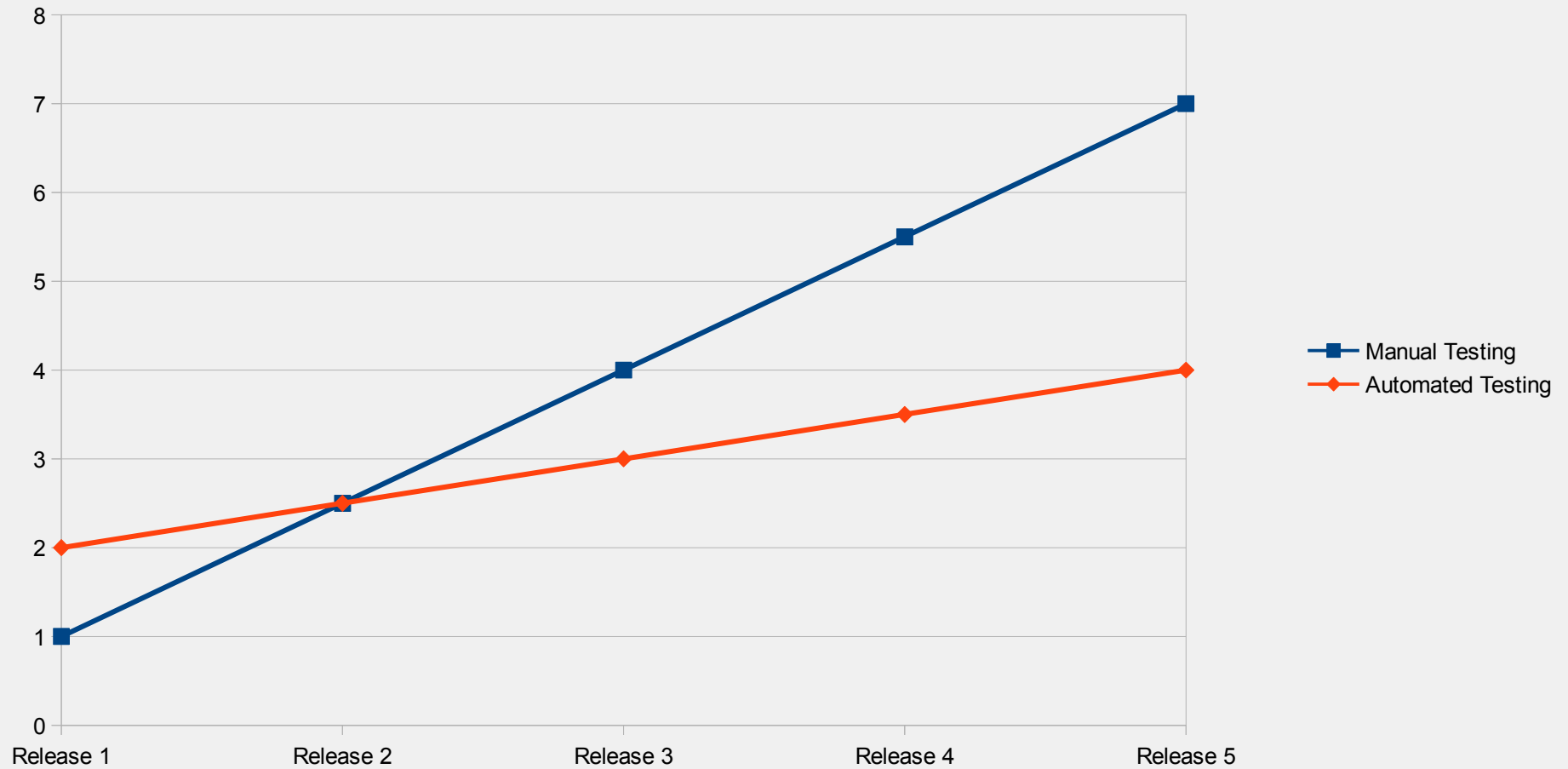


User

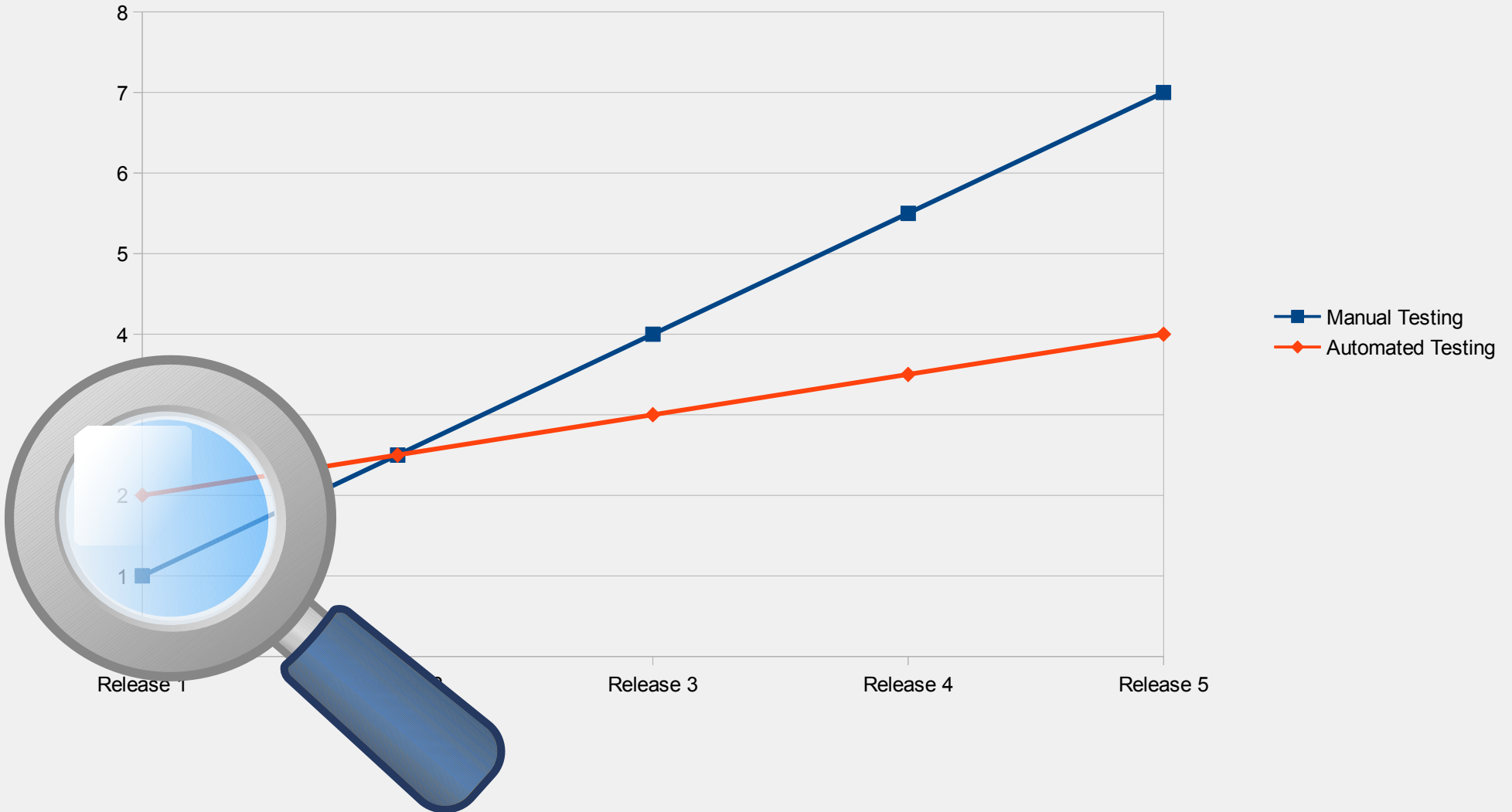
Why  
you should  
automate your tests

you should  
automate your tests

# Automating your tests



# Start automating your tests





Demo

That didn't hurt, did it?

*CI*  
 $\int$  *autoUITesting (yourApp) = 10 min*  
*Setup*



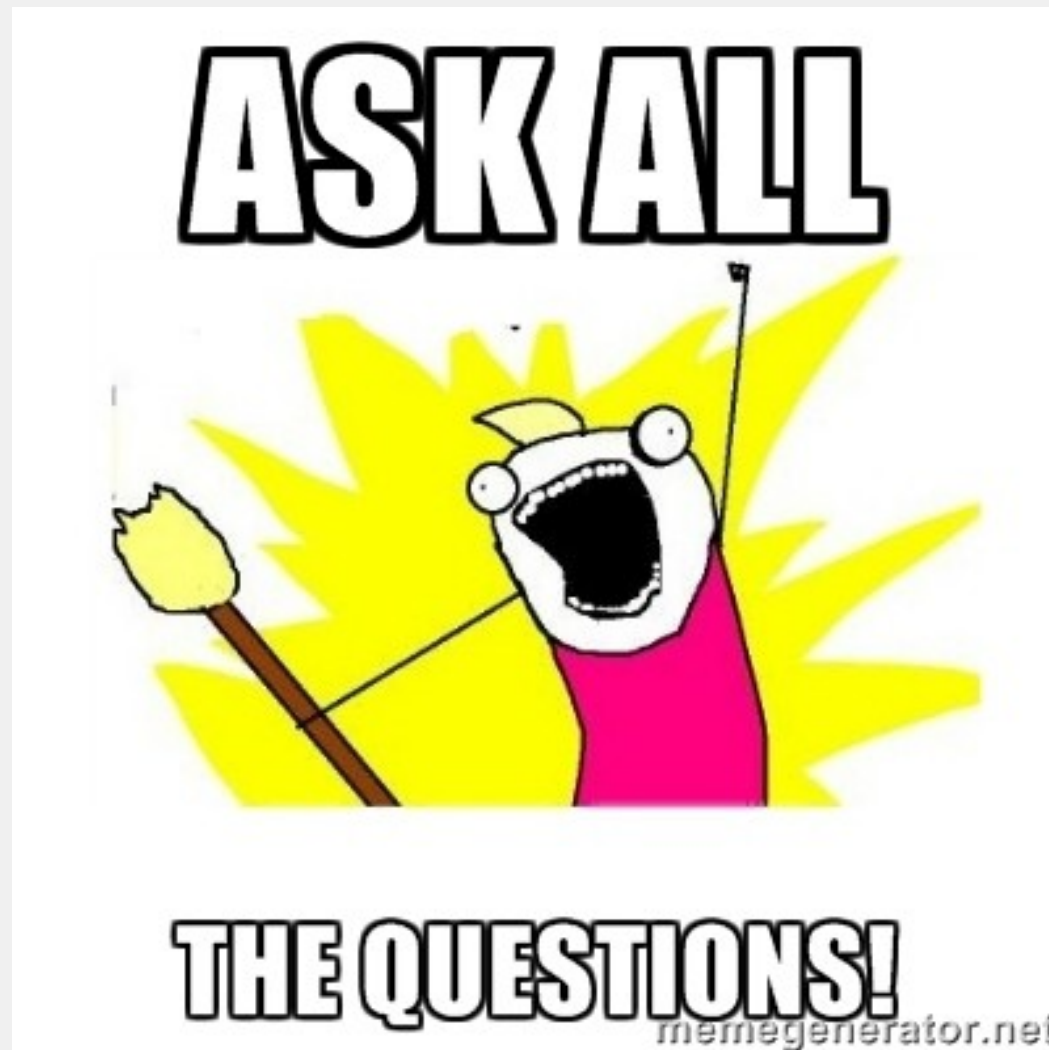
User



User



Thank you!



Q7

