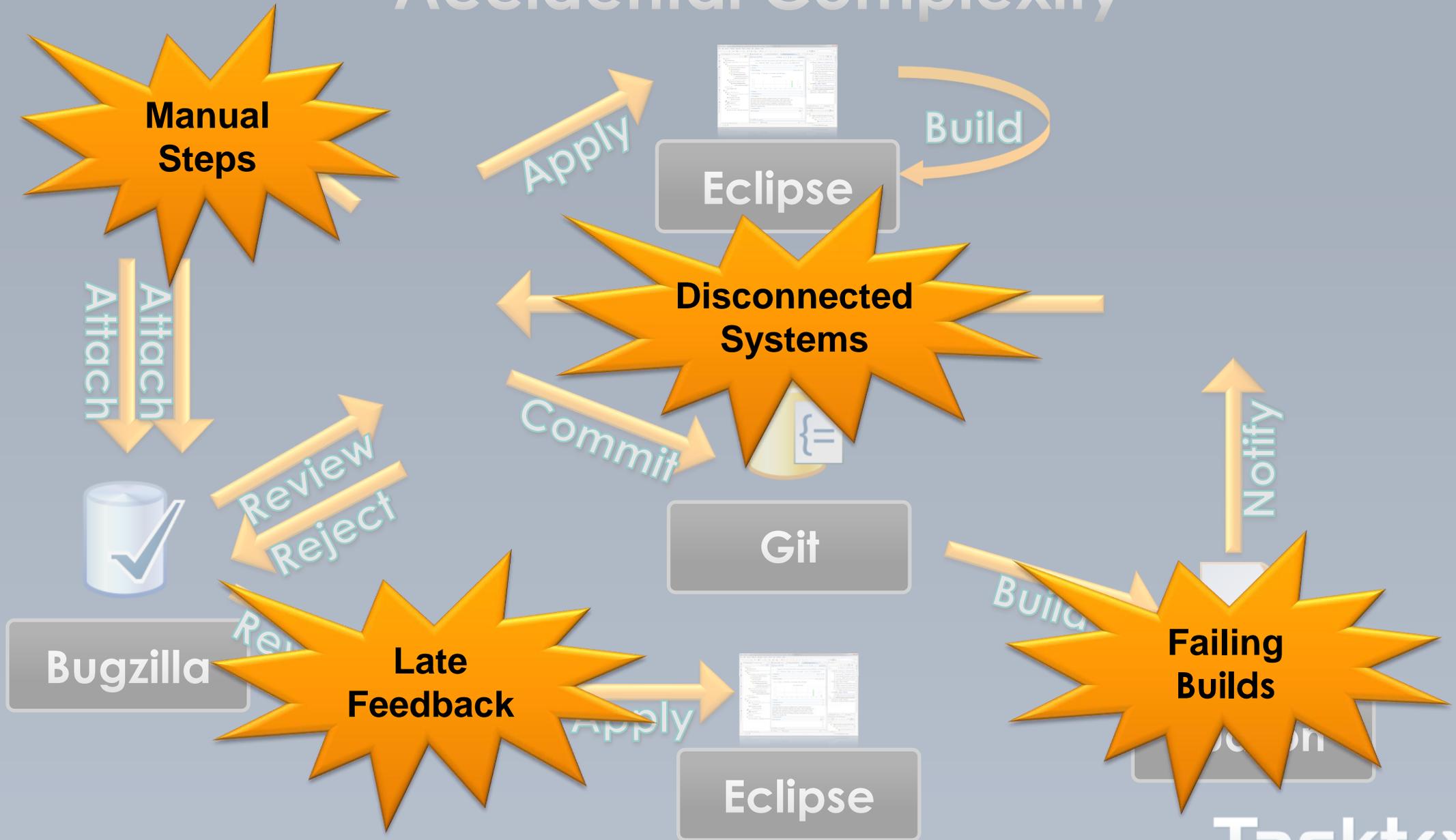
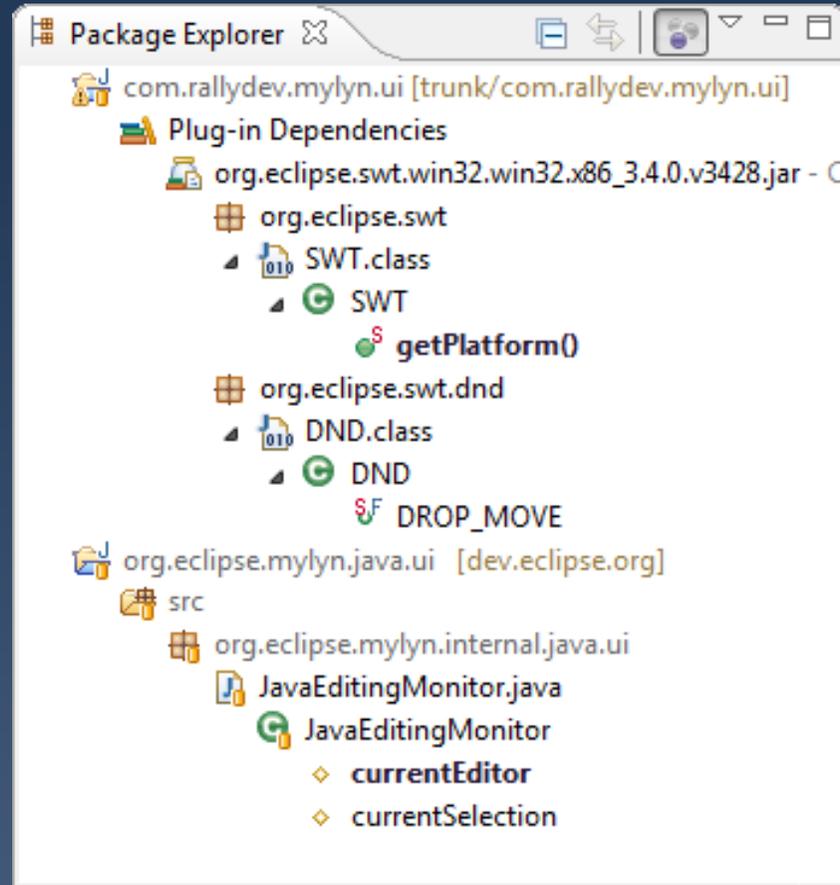


Git, Gerrit und Hudson mit Eclipse Mylyn effektiv einsetzen

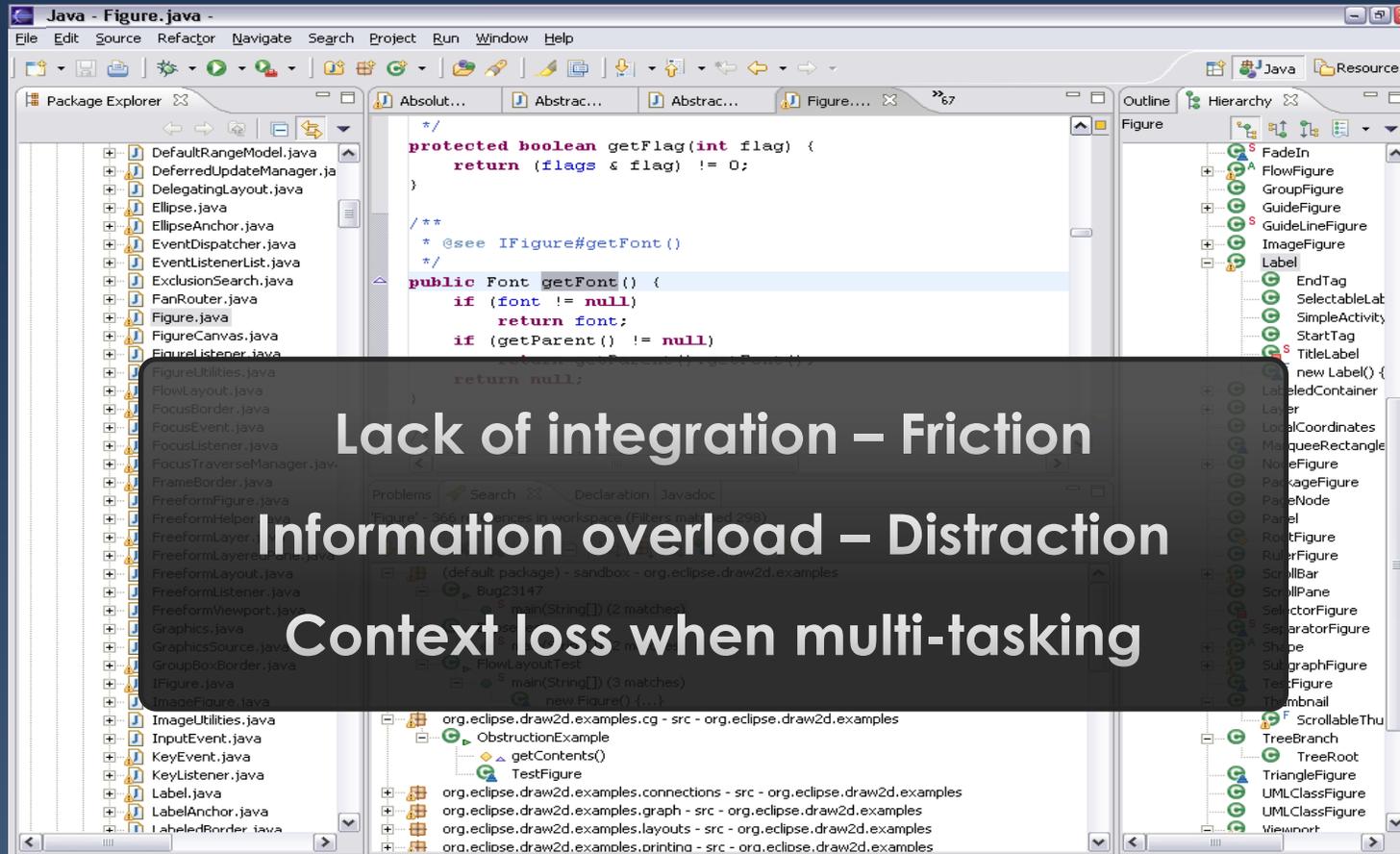
Accidental Complexity



Demo: Task-focused Development



90% Irrelevant



Task-Focused Interface

Tasks are integrated with the IDE
See only what you are working on

Dev Demo - support overlay of product and component on attributes section header - Eclipse SDK

File Edit Source Refactor Navigate Search Project Run Window Help

Package Explo Project Explor Search results - Dev AbstractTaskEditorPa 284155: support over x11 Task List

Bug 284155 Eclipse Submit

support overlay of product and component on attributes section I

Status: RESOLVED FIXED Opened: 21-Jul-2009 Modified: 7-Oct-2009 11:00 PM

Attributes Mylyn / UI

Scrum

Time Tracking Active: 02:22

Show: Today This Week Last Week Last 4 Weeks

Comments (8)

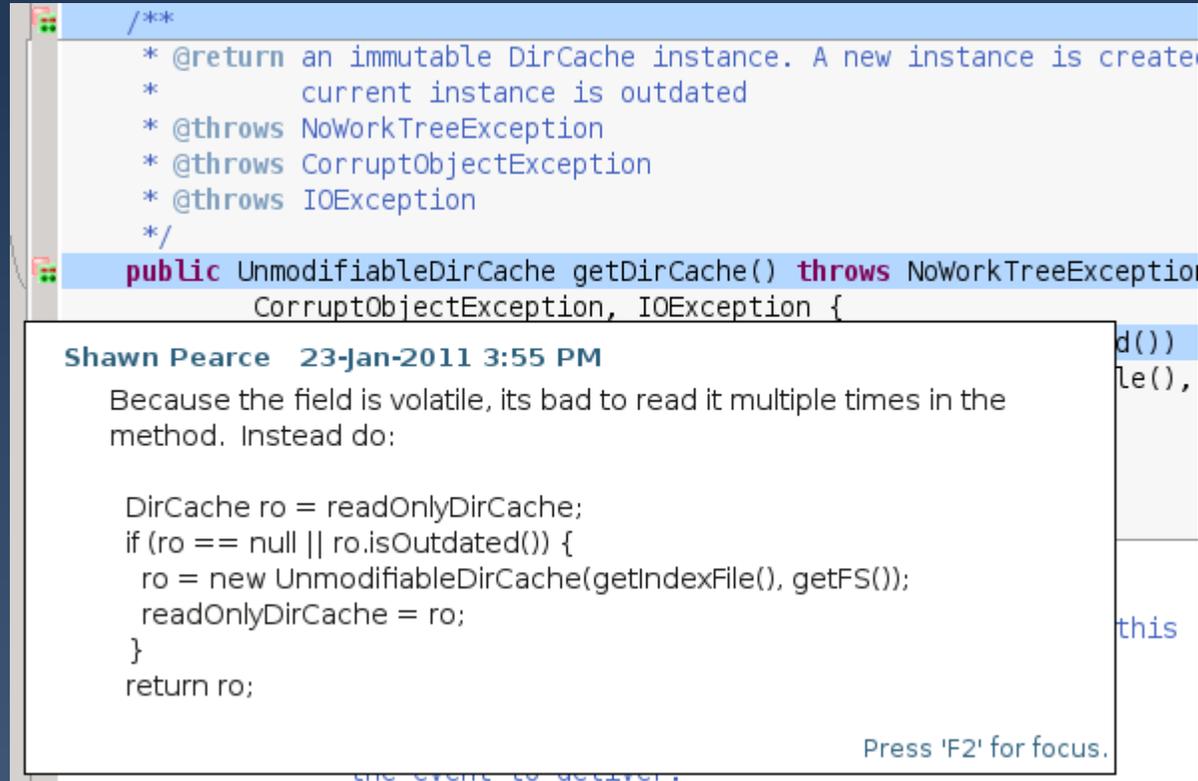
New Comment

Context Bugzilla

Problems Console

Oct 19, 9:00 AM: 2 events

Demo: Code Review



The screenshot shows a code editor with a Java method signature highlighted in blue. A comment box is overlaid on the code, containing a review comment and a code snippet. The comment box has a title bar with the name 'Shawn Pearce' and the timestamp '23-Jan-2011 3:55 PM'. The comment text explains that reading a volatile field multiple times in a method is bad and provides a code snippet to illustrate the correct approach. The code snippet shows a local variable 'ro' being assigned the value of 'readOnlyDirCache', followed by a check for null or outdated status. If the check fails, a new 'UnmodifiableDirCache' object is created and assigned to 'ro', and 'readOnlyDirCache' is updated. Finally, 'ro' is returned.

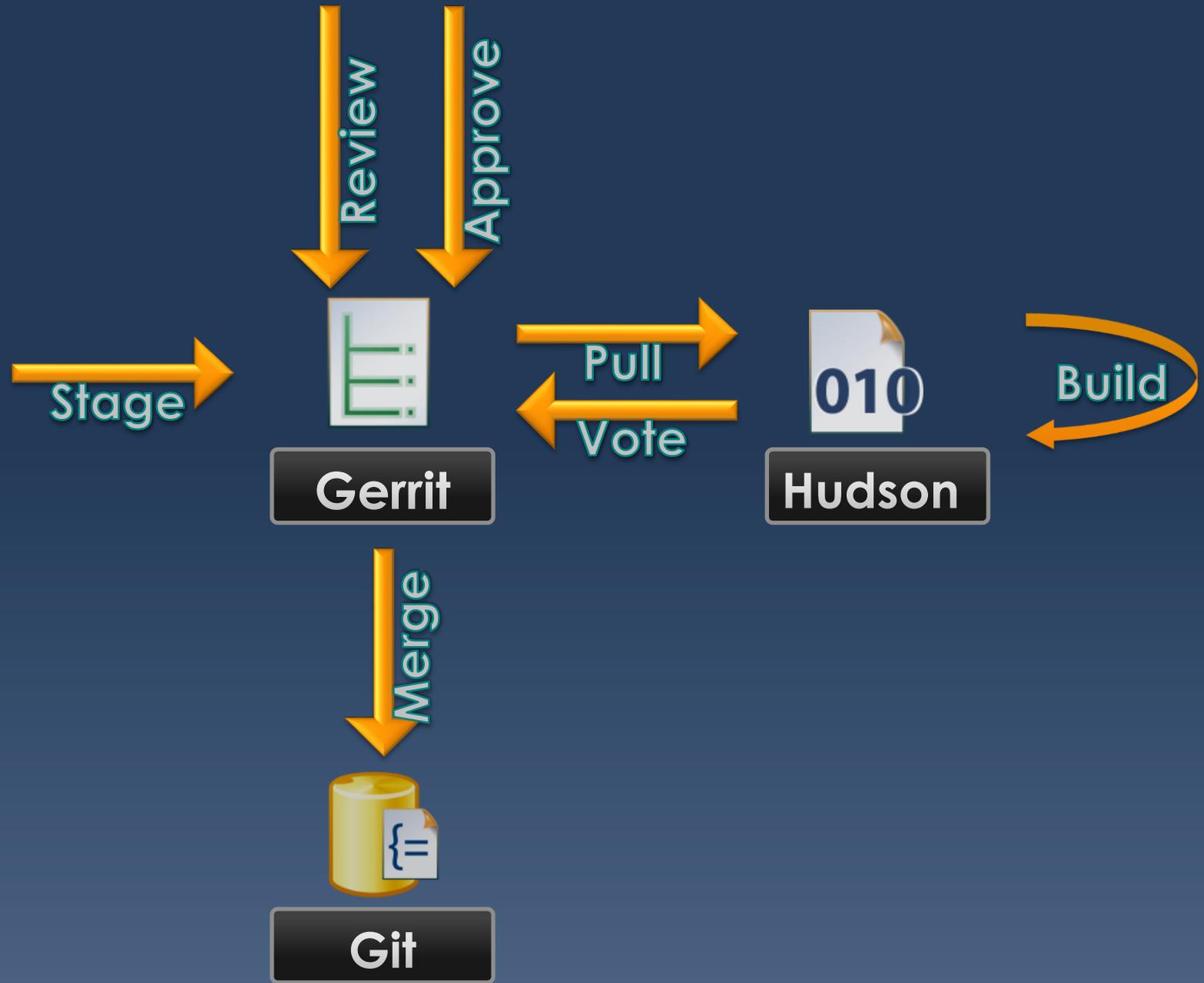
```
/**  
 * @return an immutable DirCache instance. A new instance is created  
 *         current instance is outdated  
 * @throws NoWorkTreeException  
 * @throws CorruptObjectException  
 * @throws IOException  
 */  
public UnmodifiableDirCache getDirCache() throws NoWorkTreeException,  
        CorruptObjectException, IOException {  
    DirCache ro = readOnlyDirCache;  
    if (ro == null || ro.isOutdated()) {  
        ro = new UnmodifiableDirCache(getIndexFile(), getFS());  
        readOnlyDirCache = ro;  
    }  
    return ro;  
}
```

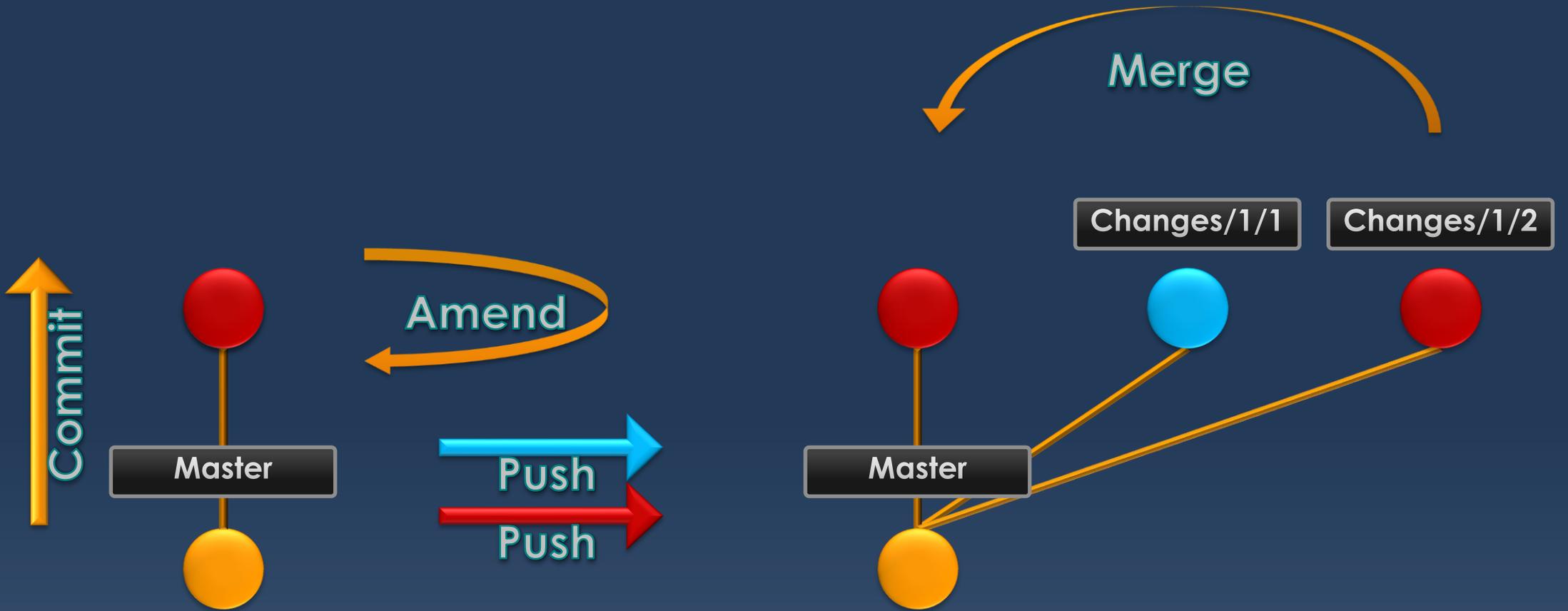
Shawn Pearce 23-Jan-2011 3:55 PM

Because the field is volatile, its bad to read it multiple times in the method. Instead do:

```
DirCache ro = readOnlyDirCache;  
if (ro == null || ro.isOutdated()) {  
    ro = new UnmodifiableDirCache(getIndexFile(), getFS());  
    readOnlyDirCache = ro;  
}  
return ro;
```

Press 'F2' for focus.





Application Lifecycle Tools



Tasks

Bugzilla

Trac

OSLC



Context

Java

C/C++



Versions

CVS

Git

OSLC



Docs

WikiText

RichText



Builds

Hudson

OSLC



Reviews

Tasks

Gerrit

IEEE

Mylyn 3.8

Released on June 27 as part of Eclipse Juno

Mylyn

- <http://download.eclipse.org/mylyn/releases/latest>

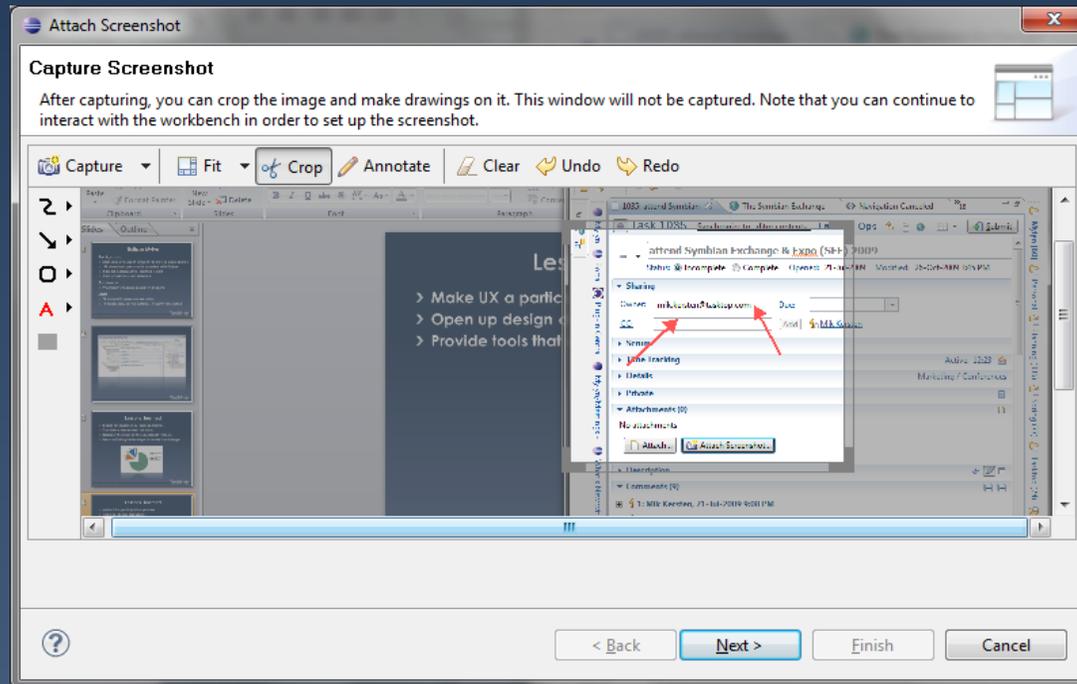
Hudson, Gerrit Connector

- Task List > New Task... > Install More Connectors

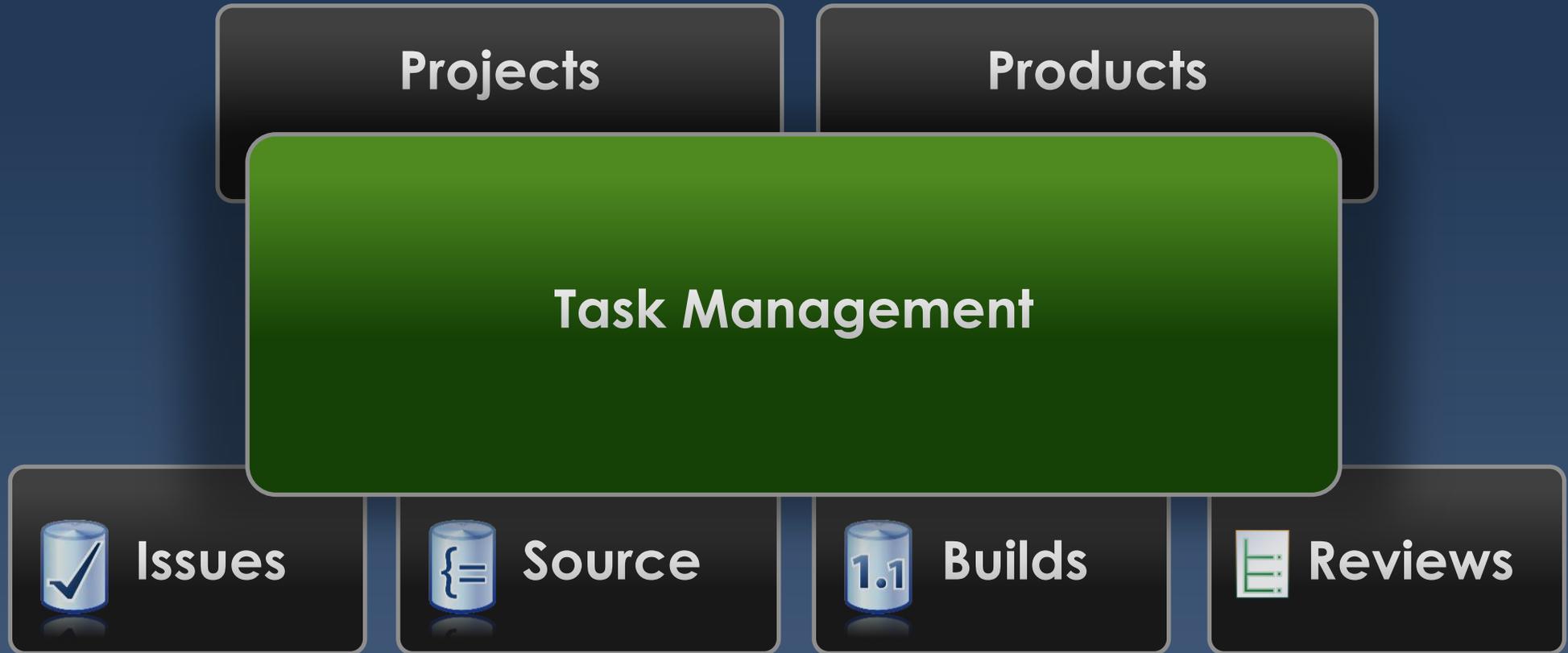
Building on Community

One of the most transparent and permeable OSS projects

1/7th of tasks resolved by patch contributions, over 900



Connecting Planning to Production



Questions?

Steffen Pingel <steffen.pingel@tasktop.com>