Crowd Debugging

Fuxiang CHEN

Sunghun KIM

THE HONG KONG UNIVERSITY OF
SCIENCE AND TECHNOLOGY

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0 votes	0 answers	5 views	**Django AttributeError Modifying Field Without Tracking Change History**

django   model   field   admin   attributeerror

modified 50s ago pj2452 **21**

0 votes	0 answers	1 view	**cPanel/WHM skeleton diretory: placeholder for username and domain name**

cpanel   whm

asked 50s ago verymystery **8**

0 votes	0 answers	1 view	**WhatsAPP CURL Request ID Encoded?**

php   ssl   curl   get   whatsapp

asked 53s ago Ryan **8**

0 votes	0 answers	4 views	**Preserve datatype in a cell in Excel when doing search and replace**

excel   vba   excel-vba   excel-2010   data-type-conversion

modified 1m ago datatoo **1,175**

0 votes	0 answers	2 views	**Trying to visit my website at /get_started redirects to / when I copy and paste, but not when I type it manually**

ruby-on-rails   routes

asked 1m ago johncorser **344**

Hot Network Questions

- What book has criminals wear a ring?
- Close Scanner if no input
- Prove there are k consecutive non-squarefree integers
- Word for a task which is flawed or doomed to failure but which you have to do anyway?
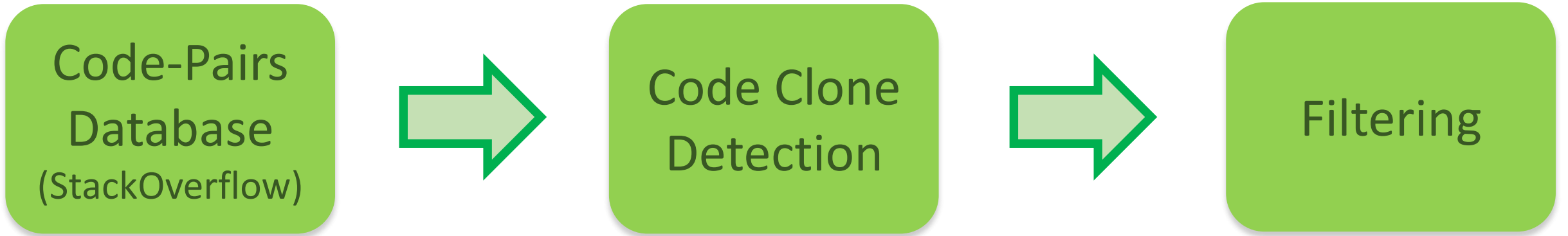- Commercial Use Request
- Two tikzpictures side by side
- "There were lots of other things on the menu he could've deterred me to."
- Is "denigrate" a racist word?
- Is Daily Accuracy of a timesheet important if the end check is the same?
- Meaning: "Angular is what

2

Overview of Approach

Code-Pairs Database (StackOverflow) → Code Clone Detection → Filtering

Title & Element Filters → Non-Essential Code Filters → Similarities Filters

FileChannel transferTo for large file in windows

Stack Overflow Question Title

Target Clone

Target Clone

Stack Overflow Answer Code Fragment

Email Bug Report

Defective Code : AxisEntity.java (Line 139 – 145)
Explanation : Using *instanceof* for comparison is asymmetric

Suggestion : Use *getClass()* instead of *instanceof*
Explanation : *getClass()* is asymmetric

Reference URL : http://www.stackoverflow.com/questions/7132649

Subject	Version	# Files	K LOC
commons-lang	3.4-snapshot	274	63
JFreeChart	1.0.19	654	96
joda-time	2.4	315	80
JStock	1.0.7r	290	50
JStudyPlanner	1.0	34	3
JStudyPlanner 2	2.0	56	4
log4j	2.0.1	905	61
lucene	4.9.0	4826	684

How many warnings can be detected using our technique?

189

Subject	# of warnings	# of reported warnings	# of confirmed bugs	# of rejected warnings
commons-lang	3	0	0	0
JFreeChart	152	152	152	0
joda-time	0	0	0	0
JStock	2	1	1	0
JStudyPlanner	19	18	18	0
JStudyPlanner 2	1	0	0	0
log4j	2	0	0	0
lucene	10	10	0	1
Total	**189**	**181**	**171**	**1**