RICE : Review Impact with ConfidencE

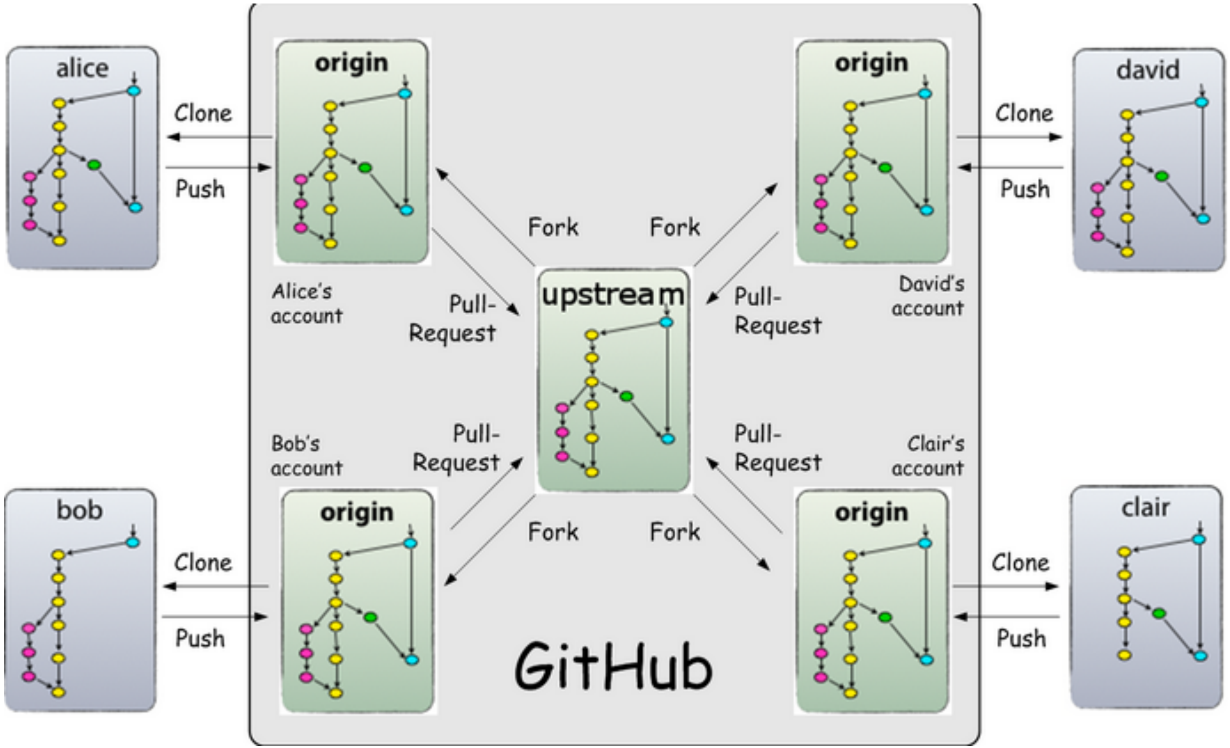
CS 846 - Human Aspects of SE
Course Project

Atri Sarkar
Bastin Gomez Headmon
Brian Agala

Motivation

- Open Source much more mainstream today.

Pull and Fork model



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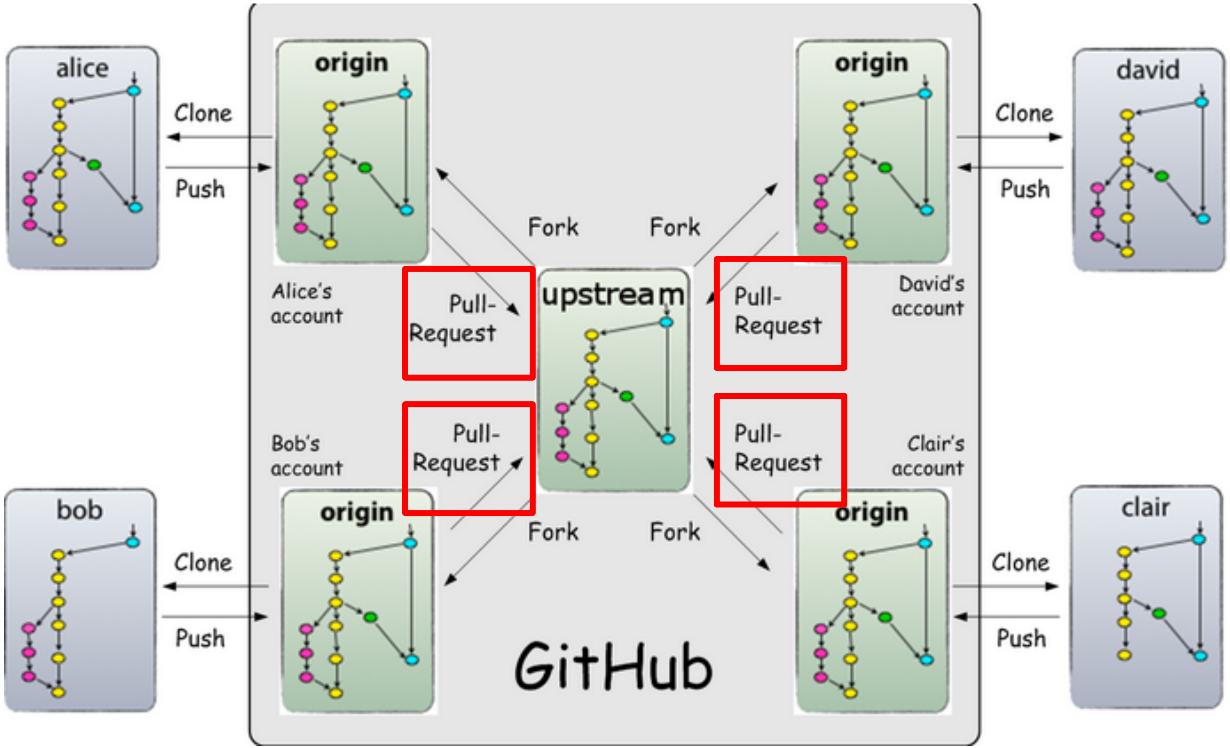
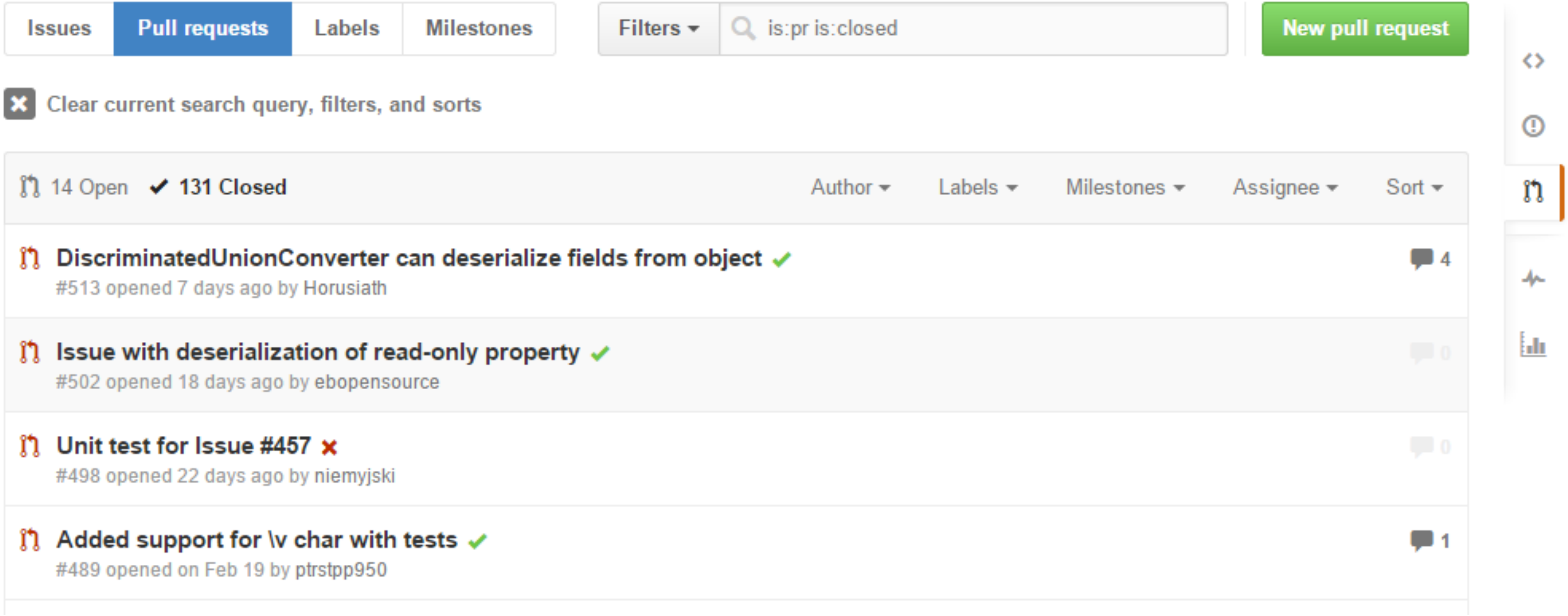


Pull Requests

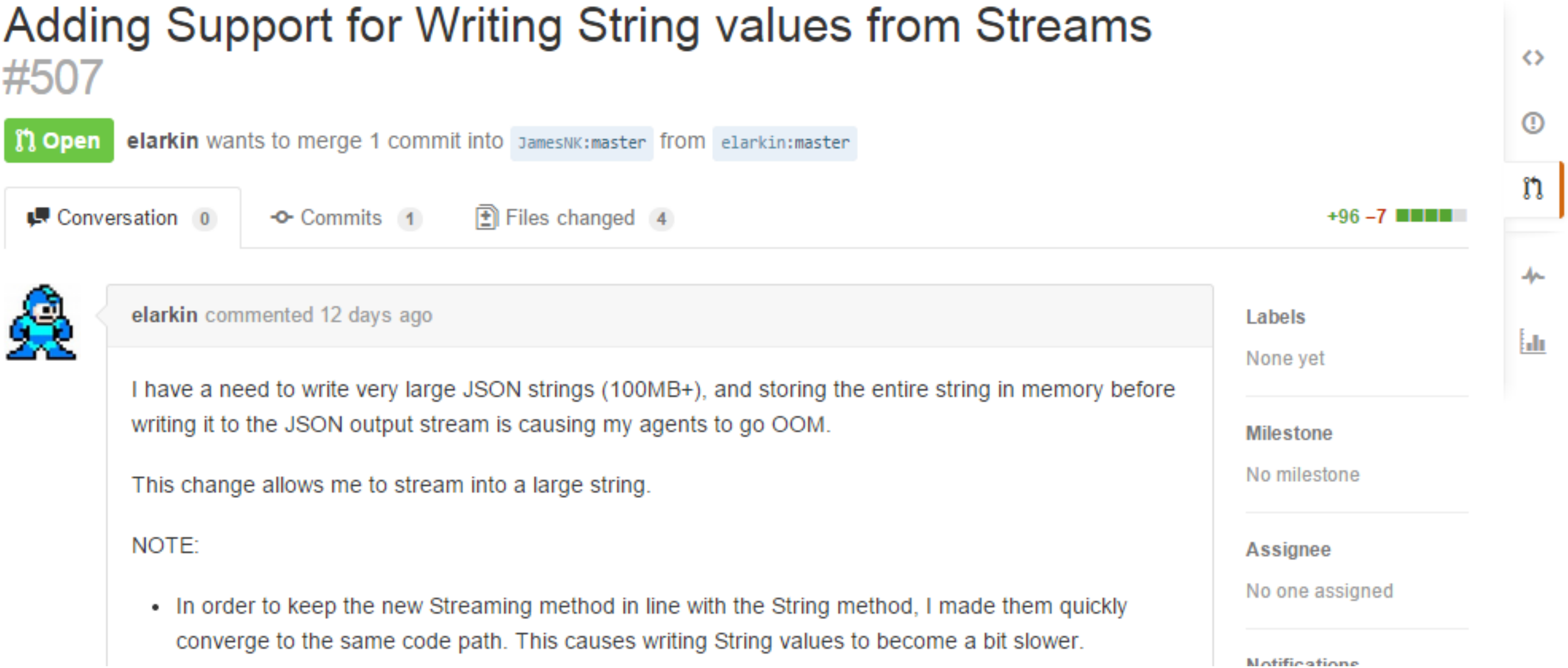


DiscriminatedUnionConverter can deserialize fields from object ✓ 4
#513 opened 7 days ago by Horusiath

Issue with deserialization of read-only property ✓ 0
#502 opened 18 days ago by ebopensource

Unit test for Issue #457 ✗ 0
#498 opened 22 days ago by niemyjski

Added support for \v char with tests ✓ 1
#489 opened on Feb 19 by ptrstpp950



Adding Support for Writing String values from Streams #507

elarkin wants to merge 1 commit into `JamesNK:master` from `elarkin:master`

elarkin commented 12 days ago

I have a need to write very large JSON strings (100MB+), and storing the entire string in memory before writing it to the JSON output stream is causing my agents to go OOM.

This change allows me to stream into a large string.

NOTE:

- In order to keep the new Streaming method in line with the String method, I made them quickly converge to the same code path. This causes writing String values to become a bit slower.

Labels

None yet

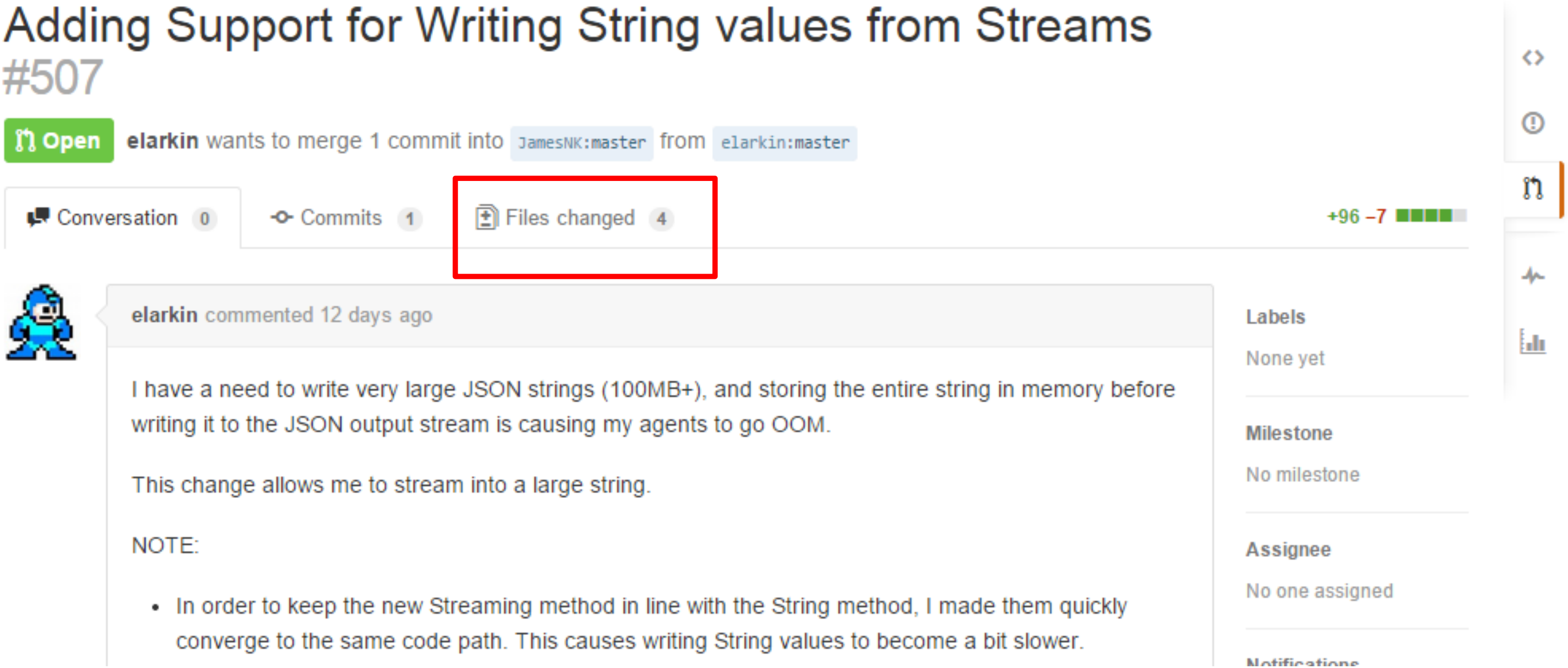
Milestone

No milestone

Assignee

No one assigned

Notifications



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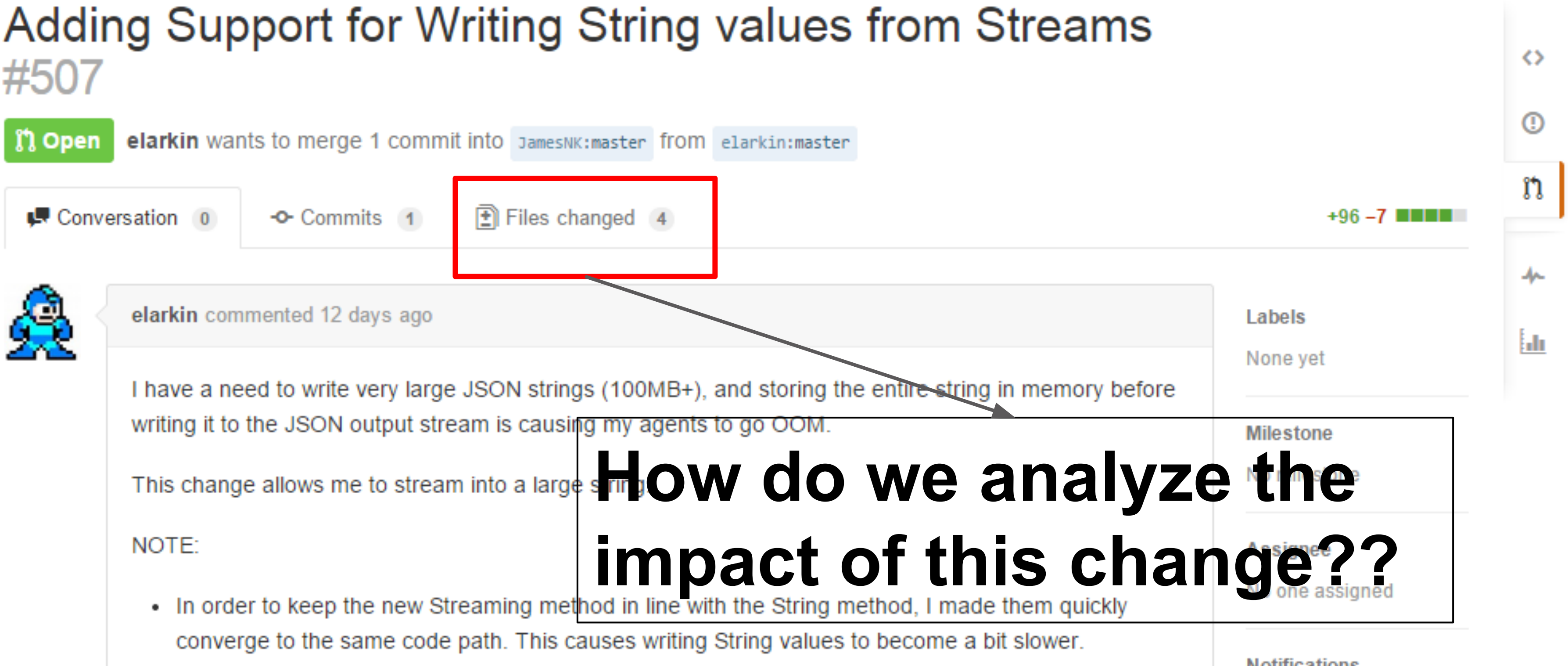

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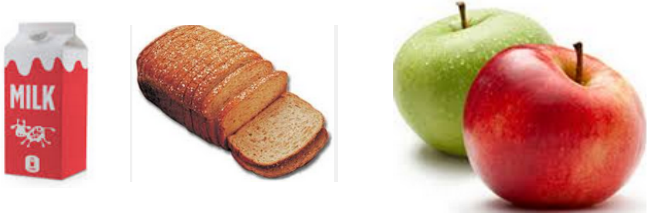
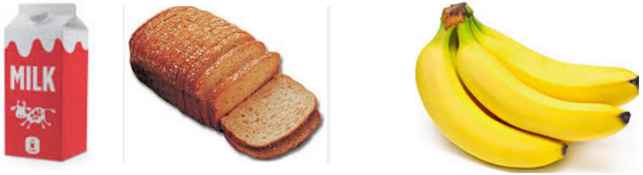
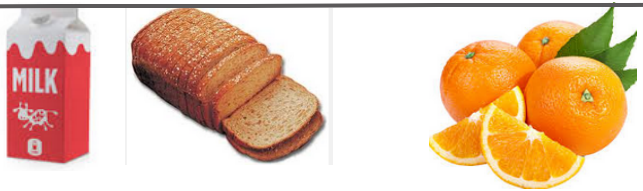
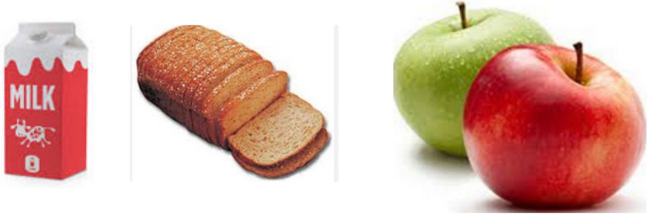
How do we analyze the impact of this change??

Association Rule Mining

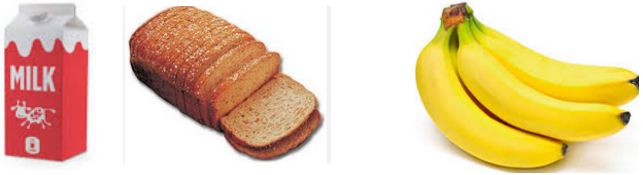
Alice	
Bob	
Jack	

Association Rule Mining

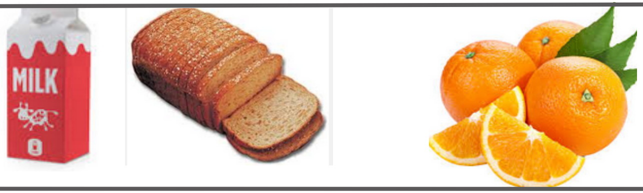
Alice



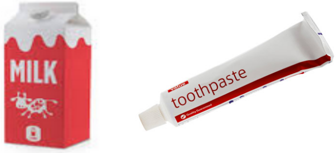
Bob



Jack



Mike



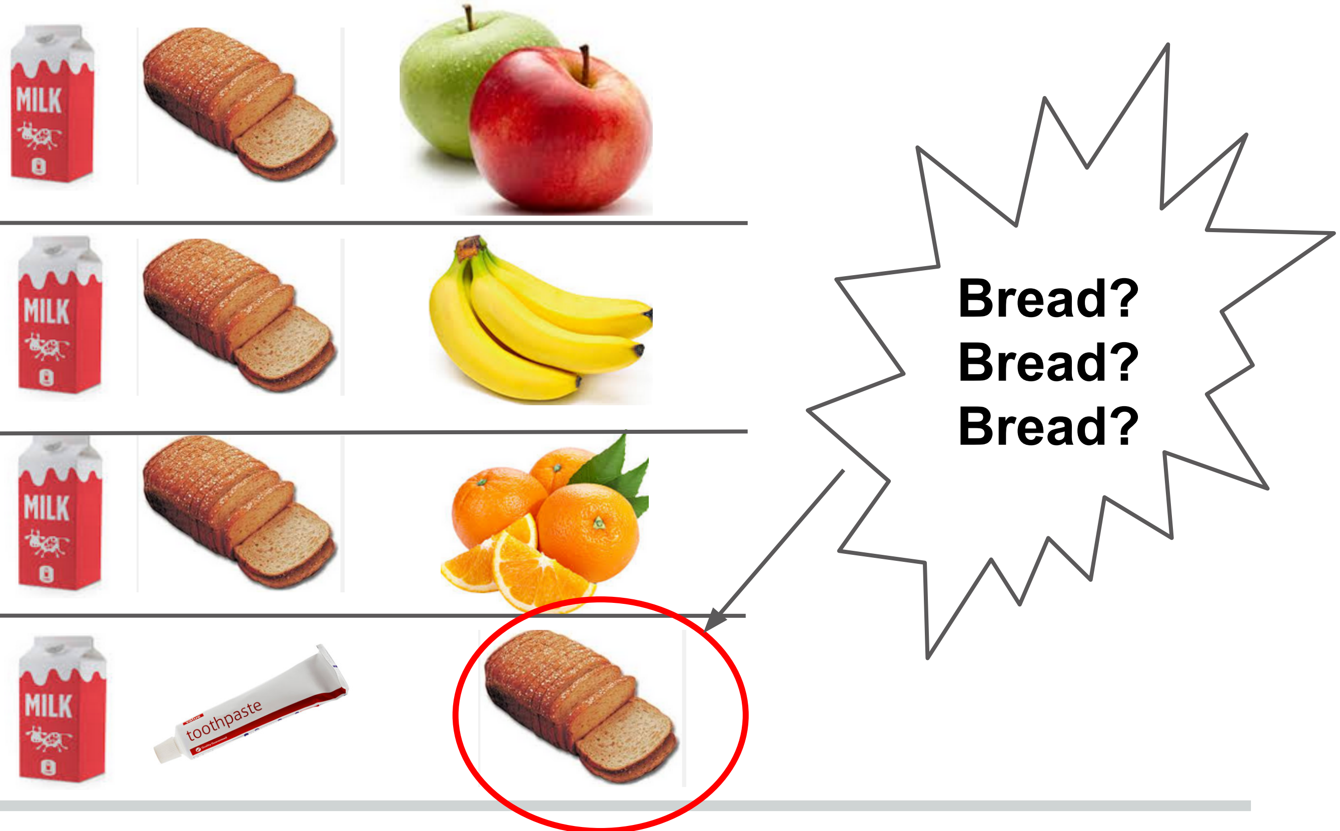
Association Rule Mining

Alice

Bob

Jack

Mike



Bread?
Bread?
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Association Rule Mining

Alice	File-1	File-2	File-5
Bob	File-1	File-2	File-9
Jack	File-1	File-2	File-6
Mike	File-1	File-8	

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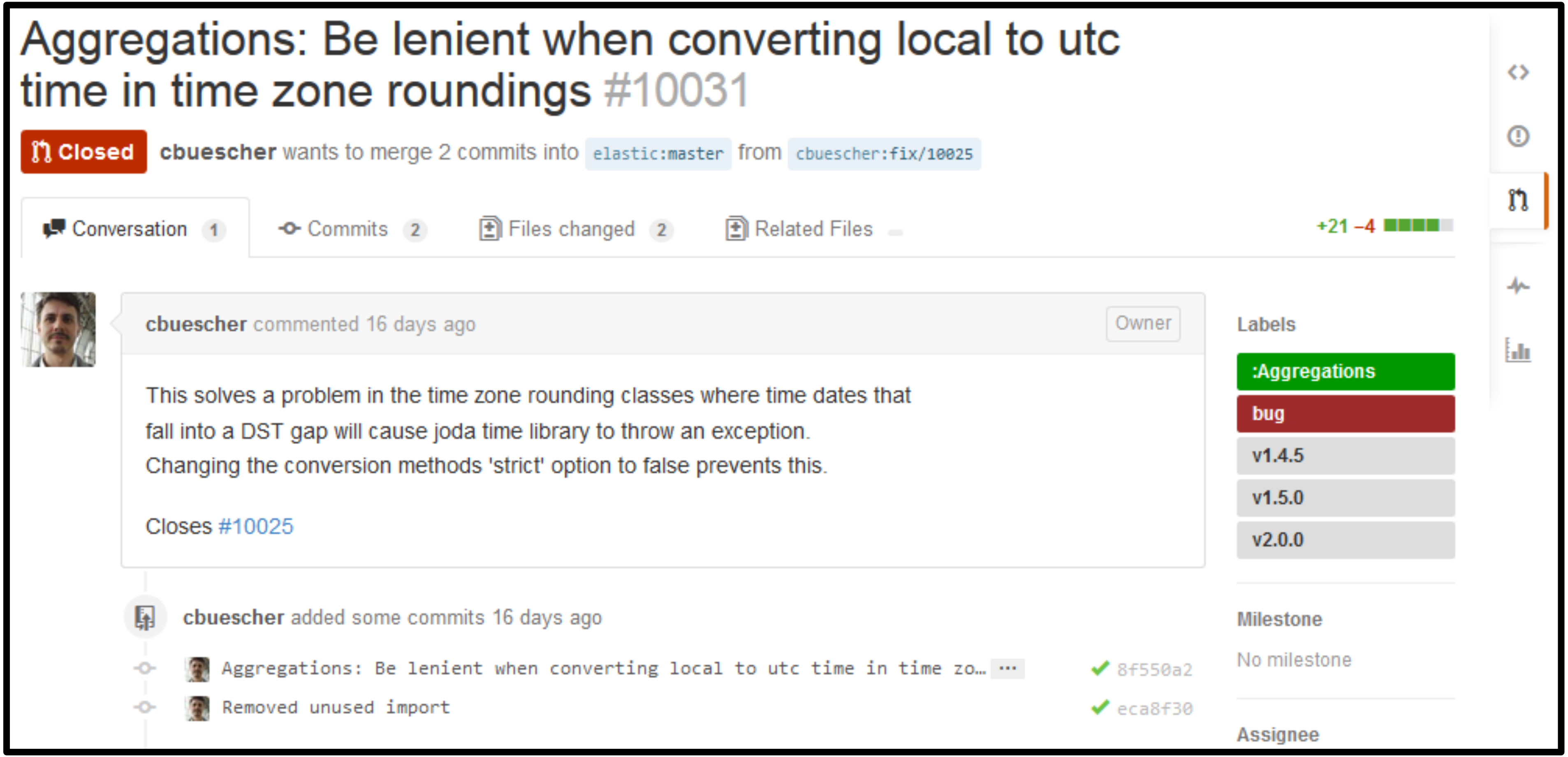
File-2?
File-2?
File-2?

Change Impact Analysis

- If File1 and File2 are frequently checked-in together => [File1,File2 has an **impact** on each other]

Introducing RICE, the tool



Aggregations: Be lenient when converting local to utc time in time zone roundings #10031

Closed **cbuescher** wants to merge 2 commits into `elastic:master` from `cbuescher:fix/10025`

cbuescher commented 16 days ago

This solves a problem in the time zone rounding classes where time dates that fall into a DST gap will cause joda time library to throw an exception. Changing the conversion methods 'strict' option to false prevents this.

Closes #10025

cbuescher added some commits 16 days ago

```
Aggregations: Be lenient when converting local to utc time in time zo… ✓ 8f550a2
Removed unused import                                                 ✓ eca8f30
```

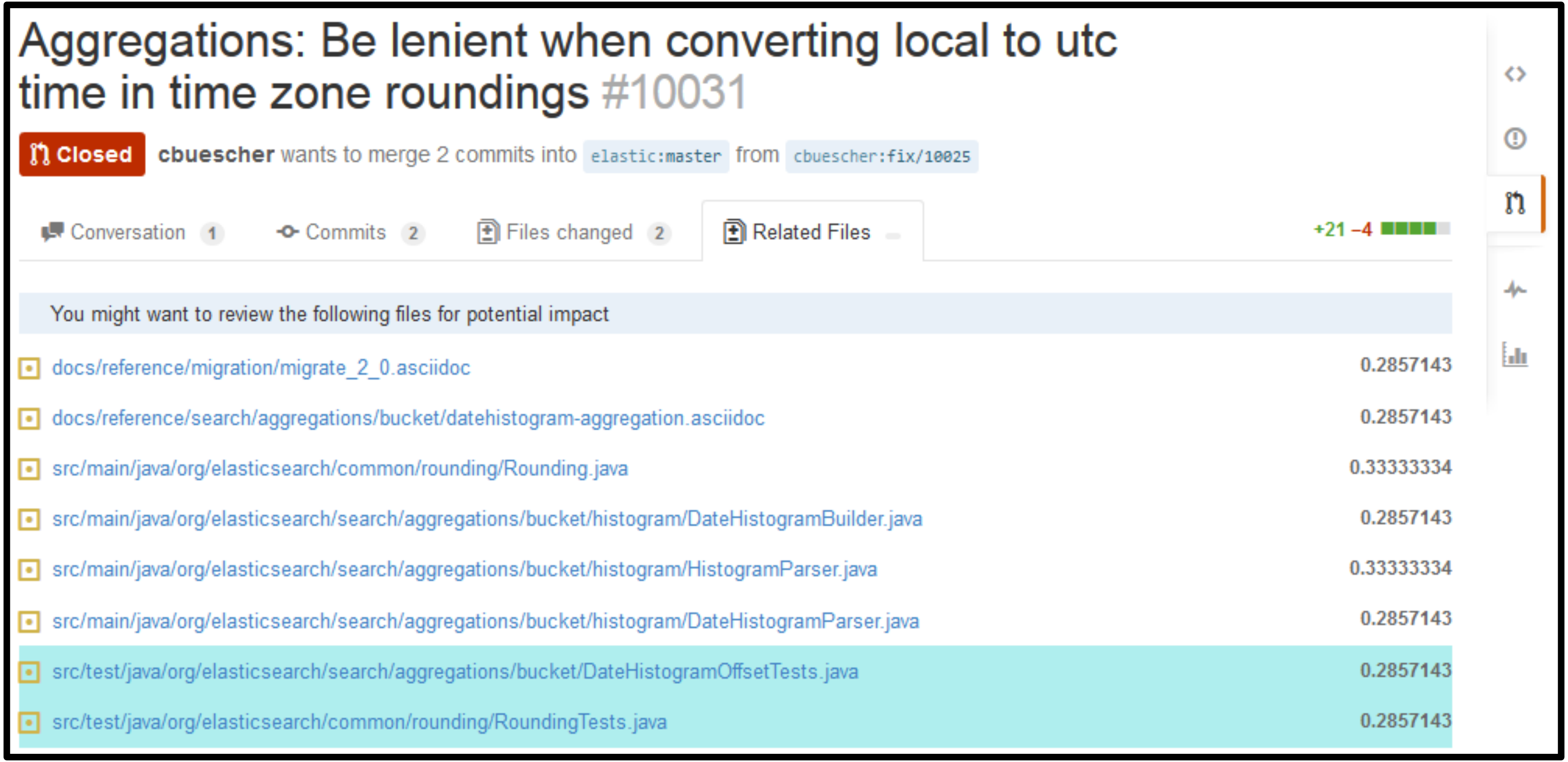
Labels

- :Aggregations
- bug
- v1.4.5
- v1.5.0
- v2.0.0

Milestone

No milestone

Assignee



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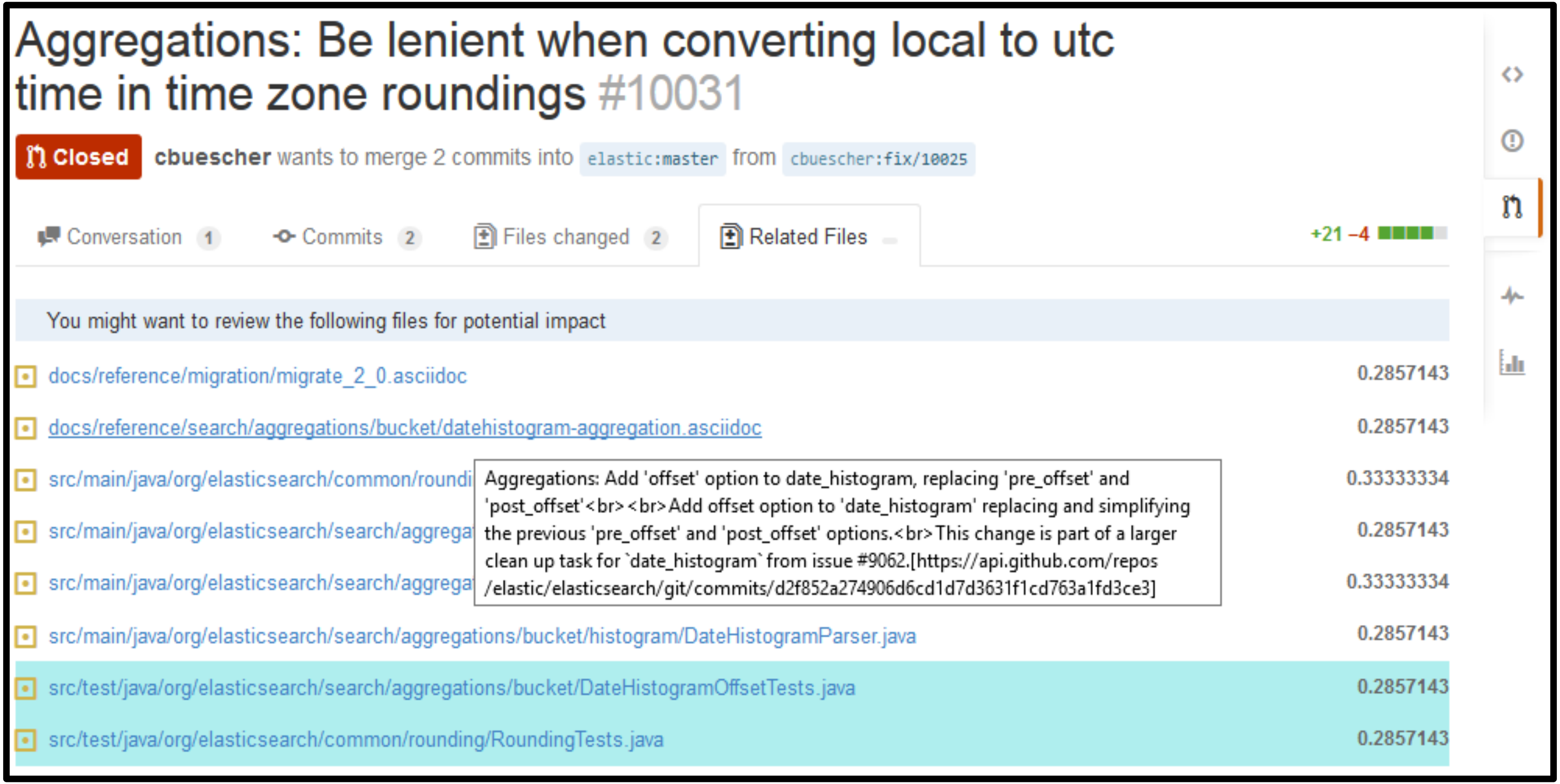
You might want to review the following files for potential impact

docs/reference/migration/migrate_2_0.asciidoc	0.2857143
docs/reference/search/aggregations/bucket/datehistogram-aggregation.asciidoc	0.2857143
src/main/java/org/elasticsearch/common/rounding/Rounding.java	0.33333334
src/main/java/org/elasticsearch/search/aggregations/bucket/histogram/DateHistogramBuilder.java	0.2857143
src/main/java/org/elasticsearch/search/aggregations/bucket/histogram/HistogramParser.java	0.33333334
src/main/java/org/elasticsearch/search/aggregations/bucket/histogram/DateHistogramParser.java	0.2857143
src/test/java/org/elasticsearch/search/aggregations/bucket/DateHistogramOffsetTests.java	0.2857143
src/test/java/org/elasticsearch/common/rounding/RoundingTests.java	0.2857143



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docs/reference/search/aggregations/bucket/datehistogram-aggregation.asciidoc	0.2857143
src/main/java/org/elasticsearch/common/roundi	0.33333334
src/main/java/org/elasticsearch/search/aggregat	0.2857143
src/main/java/org/elasticsearch/search/aggregat	0.33333334
src/main/java/org/elasticsearch/search/aggregations/bucket/histogram/DateHistogramParser.java	0.2857143
src/test/java/org/elasticsearch/search/aggregations/bucket/DateHistogramOffsetTests.java	0.2857143
src/test/java/org/elasticsearch/common/rounding/RoundingTests.java	0.2857143

Aggregations: Add 'offset' option to date_histogram, replacing 'pre_offset' and 'post_offset'

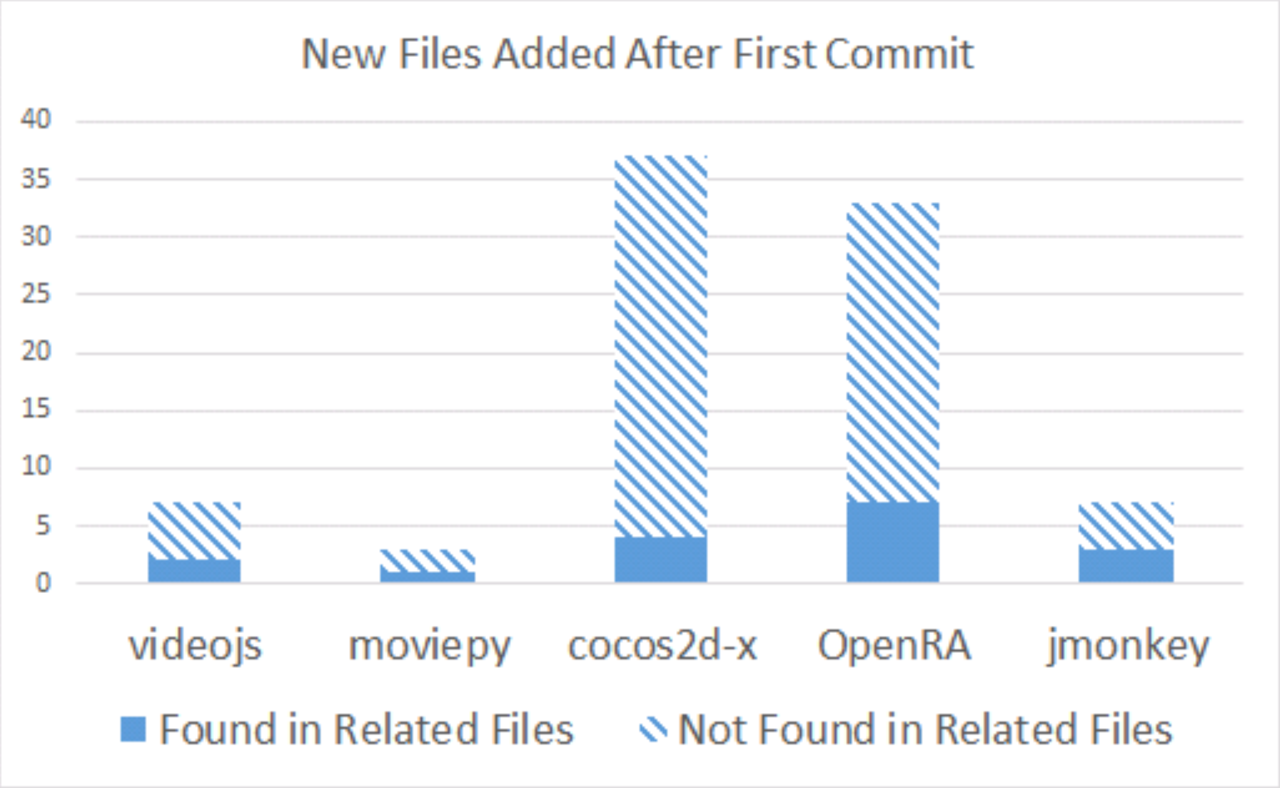
Add offset option to 'date_histogram' replacing and simplifying the previous 'pre_offset' and 'post_offset' options.
This change is part of a larger clean up task for `date_histogram` from issue #9062.[https://api.github.com/repos /elastic/elasticsearch/git/commits/d2f852a274906d6cd1d7d3631f1cd763a1fd3ce3]

DEMO

Evaluation

- Evaluation version of tool that looks at files from the first commit.
- Compare the new files added to the resulting files in the ‘Related Files’ tab.
- Of 87 new files, 17 (19.5%) files were recommended by our tool.

Evaluation


New Files Added After First Commit
0
5
10
15
20
25
30
35
40
videojs
moviepy
cocos2d-x
OpenRA
jmonkey
■ Found in Related Files
▨ Not Found in Related Files