

git_comments:

git_commits:

1. **summary:** Use EJJSON compare NIF only if OTP version > R14B03
message: Use EJJSON compare NIF only if OTP version > R14B03 COUCHDB-1267 git-svn-id:
[https://svn.apache.org/repos/asf/couchdb/trunk@1167626 13f79535-47bb-0310-9956-ffa450edef68](https://svn.apache.org/repos/asf/couchdb/trunk@1167626%2013f79535-47bb-0310-9956-ffa450edef68)

github_issues:

github_issues_comments:

github_pulls:

github_pulls_comments:

github_pulls_reviews:

jira_issues:

1. **summary:** Bignums in views aren't sorted correctly.
description: Easily tested by creating a doc and hitting this as a temp view:

```
function(doc) {  
  emit(["bylatest",-1303085266000], null); emit(["bylatest",-1298817134000], null);  
  emit(["bylatest",-1294536544000], null); emit(["bylatest",-1294505612000], null);  
  emit(["bylatest",-1178704800000], null); }
```
2. **summary:** Bignums in views aren't sorted correctly.
description: Easily tested by creating a doc and hitting this as a temp view:

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label: code-design
4. **summary:** Bignums in views aren't sorted correctly.
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  emit(["bylatest",-1178704800000], null); }
```

jira_issues_comments:

1. Should've also mentioned this was reported by mattopenstack on IRC.
2. Simplified test case showing this is in enif_compare/2 is at [1]. I submitted upstream to erlang-bugs at [2]. Now we need to decide what to do about ejson_compare. For now we should probably disable it until further notice. Unordered views are nobody's friend. [1] https://github.com/davisp/enif_cmp_bug [2] <http://erlang.org/pipermail/erlang-bugs/2011-August/002565.html>
3. **body:** +1 on disabling/removing this until there's a fix or a workaround. Trunk can be a little broken, from time to time, but this is pretty big.
label: code-design
4. The corresponding OTP patch landed into OTP's dev branch, which means the fix will be in R14B04 (to be released by early October afaik):
<https://github.com/erlang/otp/commit/262a9af33d3ceb4cb032c434b100cea7d4b0d60e> I just updated configure.ac to enable the NIF only if the OTP version is > R14B03. Leaving this ticket open for a while however.
5. This has been fixed in Erlang R14B04.