

## Visit - Feature # 1176: test suite: transform results.json into text summary

<b>Status:</b>	Pending	<b>Priority:</b>	Normal
<b>Author:</b>	Cyrus Harrison	<b>Category:</b>	
<b>Created:</b>	08/23/2012	<b>Assigned to:</b>	Cyrus Harrison
<b>Updated:</b>	01/24/2013	<b>Due date:</b>	
<b>Impact:</b>	3 - Medium		
<b>Expected Use:</b>	3 - Occasional		
<b>OS:</b>	All		
<b>Support Group:</b>	Any		
<b>Subject:</b>	test suite: transform results.json into text summary		
<b>Description:</b>			

### History

#### 08/28/2012 06:56 pm - Kathleen Biagas

Please add information about individual tests success/failure, not just success failure of a test file.

#### 09/04/2012 05:09 pm - Eric Brugger

- Status changed from New to Pending
- Assigned to set to Cyrus Harrison

#### 01/24/2013 07:04 pm - Cyrus Harrison

Hi Everyone,

This update provides several improvements to the json results recorded in by our test suite, including:

- "results.json" now includes test suite params, \*all\* test script and cases results in one tree structure.
- Proper locking for html index, and results.json for the multi-processing run case
- visit\_test\_reports.py can generate a text report (all cases, or errors only) from a results.json file
- visit\_test\_reports.py can email a report (all cases, or errors only) from a results.json file

This check in resolves #1176, although some may want the text reports to be a little more readable/user friendly.

This check in also enables email functionality necessary for a set of focused test suite runs.

I also experimented with dynamically rendering the json results using only client-side html/javascript/jquery. This would be an alternative to generating html in the test suite python code, a possible way to help alleviate some of our inode issues.

The proof of concept worked, however the results are a little too big (~2MB) for us to expect good performance.

To make sure this tinkering wasn't lost, I checked in these prototype pages under test/report\_templates/.

Committing to

```
svn+ssh://cyrush@portal-auth.nersc.gov/project/projectdirs/visit/svn/visit/trunk/test
```

...

```
A    report_templates/js/purl.js
```

A report\_templates/prototype\_json\_index.html  
A report\_templates/prototype\_json\_script\_details.html  
M visit\_test\_common.py  
M visit\_test\_main.py  
M visit\_test\_reports.py  
M visit\_test\_suite.py

Committed r20137

-Cyrus