


ecflow release 4.12.0

 Please take a note of ECFLOW-1436, as the way certain relative triggers are interpreted has changed.

ecflow 4.11.0 or less, these are now errors in 4.12.0

```
...
family f1
  task t1
    trigger f1 == aborted
  task t2
    trigger ./f1 == aborted
```

corrected triggers in ecflow 4.12.0

```
...
family f1
  task t1
    trigger ../f1 == aborted
  task t2
    trigger ../f1 == aborted
```

You can detect these triggers in ecflow 4.12.0. If you have generated your suite definitions in python, then you can use:

```
module load ecflow/4.12.0 # the 4.12.0 release has the new check
```

Check Triggers

```
# build your suite definitions
def = ...
print defs.check() # this will check the trigger expressions
```

Alternatively you can use:

Check triggers on the comand line

```
ecflow_client --get > tmp.def
module swap ecflow/4.12.0
ecflow_client --load tmp.def check_only
```

If you have already converted to using ecflow 4.12.0 server, you can check your trigger expressions using:

Check triggers in ecflow 4.12.0 server

```
module load ecflow/4.12.0
ecflow_client --check=_all_
```

Bug

- [\[ECFLOW-1148\]](#) - ecFlowUI: random crash when variables panel is visible and clicking on another node
- [\[ECFLOW-1318\]](#) - ecFlowUI: multiple selection in treeview is clipped to viewport
- [\[ECFLOW-1375\]](#) - server: %includeonce misspelled as %includeoncde behaves like %include
- [\[ECFLOW-1376\]](#) - server: Incorrectly spelled preprocessing directives (e.g. %fred) are not treated as error
- [\[ECFLOW-1379\]](#) - ecFlowUI: some dates from log appear in local time instead of UTC
- [\[ECFLOW-1400\]](#) - ecFlowUI: zoom results in wrong period in timeline view
- [\[ECFLOW-1413\]](#) - ecFlowUI: adjust initial width of duration columns in timeline view
- [\[ECFLOW-1414\]](#) - ecFlowUI: ECFLOW Variables with values starting with '--' cannot be set through ecflowUI
- [\[ECFLOW-1418\]](#) - ecFlowUI: timeline view shows incorrect contents when switching between servers
- [\[ECFLOW-1419\]](#) - ecFlowUI: disabled suite filter is not correctly applied to timeline view
- [\[ECFLOW-1420\]](#) - ecFlowUI: zoom in timeline view selects wrong period
- [\[ECFLOW-1423\]](#) - ecFlowUI: header labels missing in duration view in timeline
- [\[ECFLOW-1424\]](#) - ecFlowUI: duration view column contents are overlapping in timeline

- [\[ECFLOW-1428\]](#) - ecFlowUI: duration view in timeline does not get updated on refresh
- [\[ECFLOW-1432\]](#) - ecFlowUI: crash when running url command for a server node
- [\[ECFLOW-1433\]](#) - server: replace firefox --remote openURL with firefox -new-tab
- [\[ECFLOW-1435\]](#) - ecFlowUI: crash on startup in tree node model
- [\[ECFLOW-1438\]](#) - ecFlowUI: zoom stretching to the right border does not work in timeline view
- [\[ECFLOW-1439\]](#) - ecFlowUI: compilation fails with Qt4

New Feature

- [\[ECFLOW-1360\]](#) - ecFlowUI: add option to create Jira Service Desk tickets for selected nodes
- [\[ECFLOW-1371\]](#) - ecFlowUI: give textual indication in node views when job failed on submission
- [\[ECFLOW-1391\]](#) - ecFlowUI: timeline view should react to broadcast selection from other views
- [\[ECFLOW-1392\]](#) - ecFlowUI: add control buttons for zoom and unzoom in timeline view
- [\[ECFLOW-1395\]](#) - ecFlowUI: highlight current period in timeline detailed view
- [\[ECFLOW-1399\]](#) - ecFlowUI: add option to show only nodes with a state change in the given period in timeline view
- [\[ECFLOW-1401\]](#) - ecFlowUI: add option to show duration of submitted and active state in timeline view
- [\[ECFLOW-1405\]](#) - ecFlowUI: add option to interrupt log file transfer in timeline view
- [\[ECFLOW-1406\]](#) - ecFlowUI: add summary to timeline detailed view
- [\[ECFLOW-1409\]](#) - ecFlowUI: format duration values in timeline view
- [\[ECFLOW-1415\]](#) - ecFlowUI: allow sorting duration columns in timeline view

Task

- [\[ECFLOW-1362\]](#) - ecFlowUI: write diagnostics to compare node status in views and ecflow_client
- [\[ECFLOW-1373\]](#) - server: allow the ECF_FILES location lookup to be done in reserved order
- [\[ECFLOW-1380\]](#) - ecFlowUI: implement sorting in timeline view
- [\[ECFLOW-1381\]](#) - ecFlowUI: only show filtered suites in timeline view
- [\[ECFLOW-1383\]](#) - ecFlowUI: indicate when timeline data is loaded
- [\[ECFLOW-1384\]](#) - ecFlowUI: fetch remote logfiles over the network for timeline view
- [\[ECFLOW-1386\]](#) - ecFlowUI: improve logfile parsing speed for timeline data
- [\[ECFLOW-1394\]](#) - ecFlowUI: tone down the visual appearance of complete status in timeline view
- [\[ECFLOW-1411\]](#) - ecFlowUI: add daily cycle view to timeline info

Improvement

- [\[ECFLOW-1374\]](#) - server: script file location reported to the user can be wrong
- [\[ECFLOW-1385\]](#) - ecFlowUI: variables are not substituted on the right node level
- [\[ECFLOW-1387\]](#) - ecFlowUI: improve visual appearance of progress bars and message labels
- [\[ECFLOW-1389\]](#) - ecFlowUI: improve alignment of node path text in timeline view
- [\[ECFLOW-1390\]](#) - ecFlowUI: allow wildcard filter for node path in timeline view
- [\[ECFLOW-1397\]](#) - ecFlowUI: remember settings after reload in timeline view
- [\[ECFLOW-1398\]](#) - ecFlowUI: clean filter when switching server in timeline view
- [\[ECFLOW-1402\]](#) - ecFlowUI: improve representation of short state durations in timeline view
- [\[ECFLOW-1410\]](#) - test: test_signal_SIGTERM is not always reliable
- [\[ECFLOW-1412\]](#) - python: build python2 and python3 ecflow modules
- [\[ECFLOW-1416\]](#) - ecFlowUI: timeline path filter should only be run when enter is hit for large log datasets
- [\[ECFLOW-1422\]](#) - ecFlowUI: change filter should be reapplied to nodes when switching between timeline view modes
- [\[ECFLOW-1425\]](#) - server: always enable auto flush of log file
- [\[ECFLOW-1434\]](#) - ecFlowUI: timeline task stats do not show correct maximum
- [\[ECFLOW-1436\]](#) - client:: trigger on parent accepted without ..

See also the [release notes](#) for ecFlowUI.