

DDCompareCPV

This tool allows users to compare two in-memory DDCompactView graphs. It uses a group of comparators in DDCompareTools.h. The help file for this tool:

```
DDCompareCPV [options] configurationFileName1 configurationFileName2 Compares two DDCompactViews
```

Allowed options:

```
-h [ --help ]           Print this help message
-f [ --file1 ] arg      XML configuration file name. Default is
                        DetectorDescription/RegressionTest/test/configura
                        tion.xml
-g [ --file2 ] arg      XML configuration file name. Default is
                        DetectorDescription/RegressionTest/test/configura
                        tion.xml
-t [ --dist-tolerance ] arg Value tolerance for distances (in mm). Default
                        value 0.0004 (anything larger is an error)
-r [ --rot-tolerance ] arg Value tolerance for rotation matrix elements.
                        Default value is 0.0004 (anything larger is an
                        error)
-s [ --spec-tolerance ] arg Value tolerance for rotation matrix elements.
                        Default value is 0.0004 (anything larger is an
                        error) NOT USED YET
-u [ --user-ns ]        Use the namespaces in each file and do NOT use
                        the filename as namespace. Default is to use the
                        filename of each file in the configuration.xml
                        file as a filename
-c [ --comp-rot ]       Use the rotation name when comparing rotations.
                        Default is to use the matrix only and not the
                        name when comparing DDRotations
-e [ --continue-on-error ] Continue after an error in values. Default is to
                        stop at the first error. NOT IMPLEMENTED
-a [ --attempt-resync ] Continue after an error in graph position,
                        attempt to resync. Default is to stop at the
                        first mis-match of the graph. NOT IMPLEMENTED
```

-- MichaelCase - 19-Apr-2011

This topic: Main > DDCompareCPV

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