Package 'compareODM'

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Type Package

Title comparison of medical forms in CDISC ODM format

Version 1.2

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Depends R (>= 2.15.0), XML

Description Input: 2 ODM files (ODM version 1.3) Output: list of
identical, matching, similar and differing data items

License GPL

LazyLoad yes

NeedsCompilation no

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R topics documented:

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compareODM-package   *compareODM*

Description

see function compareODM

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References

see function compareODM

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compareODM   *compareODM*

Description

compareODM provides an automated comparison of medical forms in ODM format with UMLS-based semantic annotation.
It is intended to support design of medical forms. Input: two files in CDISC ODM format (Version 1.3; see examples)
Output: A summary of identical, matching, similar and differing data items.
Items are compared using UMLS annotations.
Data from identical and matching items can be aggregated and analyzed jointly.
Data from similar items need transformation for joint analysis.

Usage

```
compareODM( ODMfile1="", ODMfile2="" )
```

Arguments

ODMfile1	Name of first ODM file for comparison. File format: ODM version 1.3, see examples. If omitted, file.choose()-dialog is started
ODMfile2	Name of second ODM file for comparison. File format: ODM version 1.3, see examples. If omitted, file.choose()-dialog is started

Author(s)

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References

An UMLS-based method to enable automated comparison of medical forms (manuscript submitted)

Examples

```
    ## Not run:
compareODM(ODMfile1=file.path(path.package("compareODM"),"extdata","compare1.xml"),
    ODMfile2=file.path(path.package("compareODM"),"extdata","compare2.xml"))

## End(Not run)
```

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