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Georgetown-University-Libraries / File-Analyzer

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# Counter compliant reports

Terry Brady edited this page 4 days ago · 12 revisions

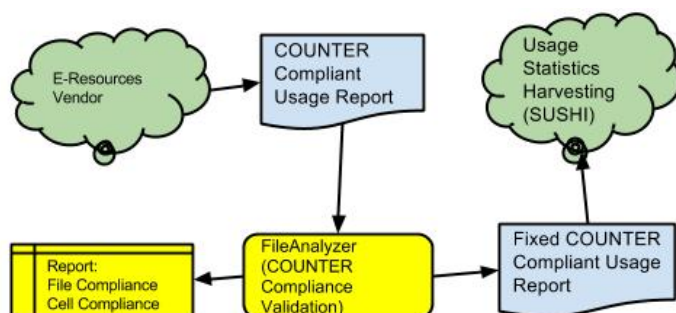
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While attempting to aggregate usage statistics from e-resources vendors, the Georgetown University Electronic Resources team discovered that many vendor-provided files were did not fully conform to the COUNTER Compliance standard.

An extension was added to the File Analyzer to detect (and fix where possible) non-conforming usage statistics files.

A solution was implemented for 4 COUNTER report types.



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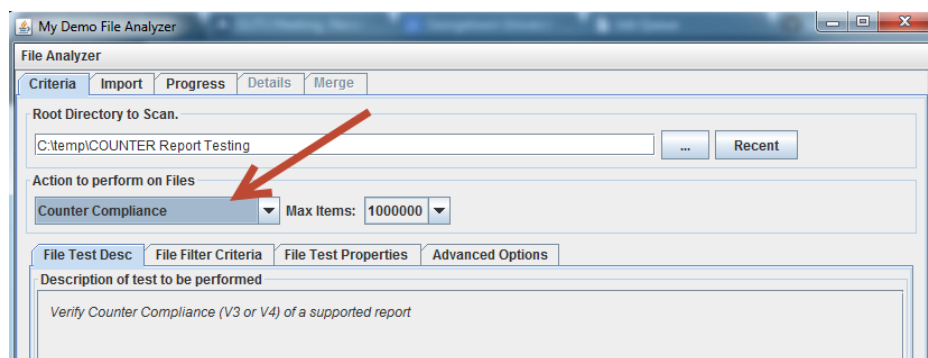
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Clone this wiki locally

<https://github.com/Georgetown-University-Libraries/File-Analyzer/wiki/Counter-compliant-reports>

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If an error is fixable, the report will indicate that the fix was applied. The fix will be applied to a copy of the input file.

The code currently supports of handful of report types. Rules can easily be created to extend the functionality to other counter report types. Please notify the repository owner if you are interested in extending this functionality.

The generated report has lots of information. The filters are handy for looking at specific information.

My Demo File Analyzer

File Analyzer

CriteriaImportProgressDetailsMergeCounter1

Counter Compliance for ..Temp\COUNTER Report Testing

Remove Tab

FileRecordComplianceFixableCounter ReportRev

Summary Counts

File (cell row, ce...	File	Cell	Record	Compliance	Fixab...	Counter Report	Rev	Message
2012_DB3_JST...	2012_DB3_JSTOR.csv		FILE	ERROR	NA	Database Report 3	R3	ERROR: 1 cells; INVALID: 2 cells; WARNING_DATE: 1 cells; WA...
2012_DB3_JST...	2012_DB3_JSTOR.csv	A1	CELL	INVALID	YES	Database Report 3	R3	Expected value: Database Report 3 (R3)
2012_DB3_JST...	2012_DB3_JSTOR.csv	B1	CELL	WARNING	YES	Database Report 3	R3	Expected value: Total Searches and Sessions by Month and Ser...
2012_DB3_JST...	2012_DB3_JSTOR.csv	A4	CELL	WARNING_DATE	YES	Database Report 3	R3	Date in improper format
2012_DB3_JST...	2012_DB3_JSTOR.csv	A5	CELL	ERROR	YES	Database Report 3	R3	Expected value: YTD Total
2012_DB3_JST...	2012_DB3_JSTOR.csv	B5	CELL	INVALID	YES	Database Report 3	R3	Expected value: Platform
2012_DB3_JST...	2012_DB3_JSTOR_fix.csv		FILE	INVALID	YES	Database Report 3	R3	INVALID: 1 cells; WARNING_DATE: 13 cells; WARNING: 1 cells; Expected value: Database Report 3 (R3)
2012_DB3_JST...	2012_DB3_JSTOR_fix.csv	A1	CELL	INVALID	YES	Database Report 3	R3	Expected value: Database Report 3 (R3)
2012_DB3_JST...	2012_DB3_JSTOR_fix.csv	B1	CELL	WARNING	YES	Database Report 3	R3	Expected value: Total Searches and Sessions by Month and Ser...
2012_DB3_JST...	2012_DB3_JSTOR_fix.csv	A4	CELL	WARNING_DATE	YES	Database Report 3	R3	Date in improper format
2012_DB3_JST...	2012_DB3_JSTOR_fix.csv	D5	CELL	WARNING_DATE	YES	Database Report 3	R3	Date in improper format
2012_DB3_JST...	2012_DB3_JSTOR_fix.csv	E5	CELL	WARNING_DATE	YES	Database Report 3	R3	Date in improper format
2012_DB3_JST...	2012_DB3_JSTOR_fix.csv	F5	CELL	WARNING_DATE	YES	Database Report 3	R3	Date in improper format
2012_DB3_JST...	2012_DB3_JSTOR_fix.csv	G5	CELL	WARNING_DATE	YES	Database Report 3	R3	Date in improper format
2012_DB3_JST...	2012_DB3_JSTOR_fix.csv	H5	CELL	WARNING_DATE	YES	Database Report 3	R3	Date in improper format
2012_DB3_JST...	2012_DB3_JSTOR_fix.csv	J5	CELL	WARNING_DATE	YES	Database Report 3	R3	Date in improper format
2012_DB3_JST...	2012_DB3_JSTOR_fix.csv	K5	CELL	WARNING_DATE	YES	Database Report 3	R3	Date in improper format
2012_DB3_JST...	2012_DB3_JSTOR_fix.csv	L5	CELL	WARNING_DATE	YES	Database Report 3	R3	Date in improper format
2012_DB3_JST...	2012_DB3_JSTOR_fix.csv	M5	CELL	WARNING_DATE	YES	Database Report 3	R3	Date in improper format
2012_DB3_JST...	2012_DB3_JSTOR_fix.csv	N5	CELL	WARNING_DATE	YES	Database Report 3	R3	Date in improper format
2012_DB3_JST...	2012_DB3_JSTOR_fix.csv	O5	CELL	WARNING_DATE	YES	Database Report 3	R3	Date in improper format
2013_IR1_Amer...	2013_IR1_Americanist.it		FILE	WARNING_DATE	NA	Journal Report 1	R3	WARNING_DATE: 13 cells; WARNING_CASE: 2 cells; VALID: 36...

200 items. 6.299 seconds

Export Table

An overall item will appear for each file that was analyzed

Errors in individual cells are reported

Working with a single file: When working with a single file, a report will be generated for every cell that is analyzed (valid or invalid).

My Demo File Analyzer

File Analyzer

Criteria Import Progress Details Merge Counter1

Import Type

File Import Auto-Generate Unique Keys Web Harvest

File to Import

C:\Temp\COUNTER Report Testing\DB1\_R4.csv

File Import Action

Counter Compliance

Importer Description Importer Properties Import Options

Verify Counter Compliance (V3 or V4) of a supported report

My Demo File Analyzer

File Analyzer

CriteriaImportProgressDetailsMergeCounter1DB1\_R4.csv

Counter Compliance for .../COUNTER Report Testing/DB1\_R4.csv

Remove Tab

FileRecordComplianceFixableCounter ReportRev

Summary Counts

File (cell row, ce...	File	Cell	Record	Compliance	Fixab...	Counter Report	Rev	
DB1_R4.csv	DB1_R4.csv	FILE		WARNING_PUNCT	NA	Database Report 1	R4	WARNING_PUNCT: 2 ce...
DB1_R4.csv [00...	DB1_R4.csv	A1	CELL	VALID	NA	Database Report 1	R4	
DB1_R4.csv [00...	DB1_R4.csv	B1	CELL	VALID	NA	Database Report 1	R4	
DB1_R4.csv [00...	DB1_R4.csv	A2	CELL	VALID	NA	Database Report 1	R4	
DB1_R4.csv [00...	DB1_R4.csv	A4	CELL	WARNING_PUNCT	YES	Database Report 1	R4	Expected value: Period C...
DB1_R4.csv [00...	DB1_R4.csv	A5	CELL	VALID	NA	Database Report 1	R4	
DB1_R4.csv [00...	DB1_R4.csv	A6	CELL	WARNING_PUNCT	YES	Database Report 1	R4	Expected value: Date ru...
DB1_R4.csv [00...	DB1_R4.csv	A7	CELL	VALID	NA	Database Report 1	R4	
DB1_R4.csv [00...	DB1_R4.csv	A8	CELL	VALID	NA	Database Report 1	R4	
DB1_R4.csv [00...	DB1_R4.csv	B8	CELL	VALID	NA	Database Report 1	R4	
DB1_R4.csv [00...	DB1_R4.csv	C8	CELL	VALID	NA	Database Report 1	R4	
DB1_R4.csv [00...	DB1_R4.csv	D8	CELL	VALID	NA	Database Report 1	R4	
DB1_R4.csv [00...	DB1_R4.csv	E8	CELL	VALID	NA	Database Report 1	R4	
DB1_R4.csv [00...	DB1_R4.csv	F8	CELL	VALID	NA	Database Report 1	R4	
DB1_R4.csv [00...	DB1_R4.csv	G8	CELL	VALID	NA	Database Report 1	R4	
DB1_R4.csv [00...	DB1_R4.csv	H8	CELL	VALID	NA	Database Report 1	R4	
DB1_R4.csv [00...	DB1_R4.csv	A9	CELL	VALID	NA	Database Report 1	R4	
DB1_R4.csv [00...	DB1_R4.csv	B9	CELL	VALID	NA	Database Report 1	R4	
DB1_R4.csv [00...	DB1_R4.csv	C9	CELL	VALID	NA	Database Report 1	R4	
DB1_R4.csv [00...	DB1_R4.csv	D9	CELL	VALID	NA	Database Report 1	R4	

80 items. 0.004 seconds

Export Table

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