

## EDIT - bug #9061

### Create analyze framework for CDM Excel imports

06/10/2020 01:15 PM - Andreas Müller

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	New	<b>Due date:</b>	
<b>Assignee:</b>	Andreas Müller	<b>% Done:</b>	0%
<b>Category:</b>	cdmadapter	<b>Estimated time:</b>	0:00 hour
<b>Target version:</b>	Release 5.46	<b>Found in Version:</b>	
<b>Severity:</b>	normal		
<b>Description</b>			
This framework should allow to analyze import data before running the import.			
This should include			
<ul style="list-style-type: none"><li>• analyzeWorkbook(): analyzes the overall Workbook structure (obligatory worksheets with correct names, tables which are not required, ...)</li><li>• analyzeWorksheetStructure(): which analyzes the existing columns (obligatory columns, facultative columns, columns not in use, ...)</li><li>• analyzeData: which analyzes the data in the worksheet(s) on correctness, this includes<ul style="list-style-type: none"><li>◦ test new data: is the new data correctly formatted so it can be imported</li><li>◦ test persistent data: e.g. do taxon UUIDs match with existing accepted taxa</li><li>◦ ...</li></ul></li></ul>			
The framework in general should only work for csv data.			
The result should be generic so it can be used for any table based imports (or even for non-table based imports).			
The result should distinguish data which is generally impossible to import (e.g. a required column could not be found), data which loses certain records during import and data which has slightly incorrect import result (e.g. 1 not required field in a record can not be imported).			
<b>Related issues:</b>			
Related to EDIT - task #9041: Import Flora of Uzbekistan taxa altitudes		Closed	
Related to EDIT - bug #9049: Import Flora of Uzbekistan taxa habitats		Closed	

#### Associated revisions

##### Revision 9a666f9e - 06/10/2020 01:20 PM - Andreas Müller

ref #9061 a very first try to create an import analyzer framework (with example AltitudeExcellImport)

##### Revision 5cf1f8e1 - 07/06/2020 10:30 AM - Andreas Müller

ref #9061 some further steps for an import analyze framework

#### History

##### #1 - 06/10/2020 01:16 PM - Andreas Müller

- Description updated

##### #2 - 06/10/2020 01:20 PM - Andreas Müller

- Related to task #9041: Import Flora of Uzbekistan taxa altitudes added

##### #3 - 07/06/2020 10:40 AM - Andreas Müller

- Related to bug #9049: Import Flora of Uzbekistan taxa habitats added

##### #4 - 11/30/2020 11:00 AM - Andreas Müller

- Target version changed from Release 5.18 to Release 5.19

**#5 - 01/27/2021 03:44 PM - Andreas Müller**

- Target version changed from Release 5.19 to Release 5.21

**#6 - 03/10/2021 02:35 PM - Andreas Müller**

- Target version changed from Release 5.21 to Release 5.22

**#7 - 04/16/2021 09:54 PM - Andreas Müller**

- Target version changed from Release 5.22 to Release 5.46