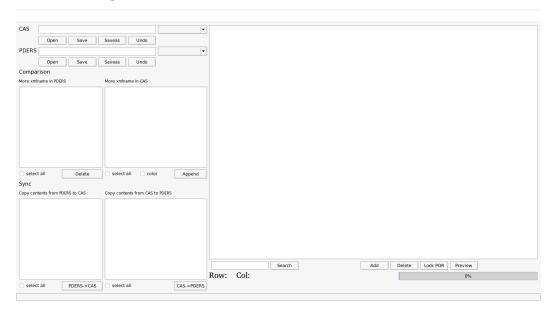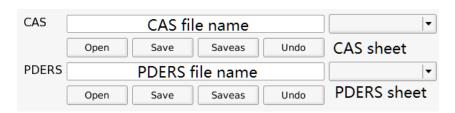# Excel-operator User Manual

File Operation

- **Open**
  If the file has not been modified, pop up a file selection dialog for open function.
  If the file has been modified, pop up an attention dialog first. You could choose save, save as or don't save here. Then pop up a file selection dialog for open function.
- **Save**
  Save the file with it's own path.
- **Saveas**
  Pop up a file selection dialog, save file with the given file name.
- **Undo**
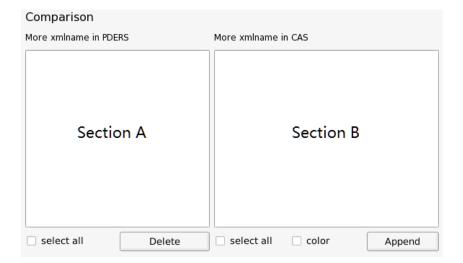 Revert the last action applied on file. 10 steps at most.
- **File name**
  The opened file name displayed in the file name text box.
- **Sheet selection**
  Once a file is opened, the sheet selection combo box will be filled up by the sheet names.
  User is able to change the current sheet by choosing item in the sheet selection combo box.

Comparison

Comparison

More xmlname in PDERS

More xmlname in CAS

Section A	Section B

☐ select all [Delete]   ☐ select all   ☐ color   [Append]

- **Comparison start**
  The comparison will be automatically executed when the current sheet switches to another sheet or the content of current sheet has been modified.
- **Section A**
  The **Section A** is used to show the outdated xml names in PDERS file which won't be used in CAS file anymore.
- **Delete**
  Delete the selected items of **Section A** in PDERS file. If user press the button without selected any items in **Section A**, there should be a prompt to notify user.
- **Section B**
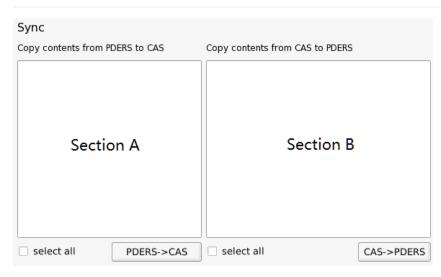 The Section B is used to show the extra xml names in CAS file which are not recorded by PDERS file.
- **Append**
  Append the selected items of **Section B** to CAS file. If user press the button without selected any items in **Section B**, there should be a prompt to notify user.
- **Select all**
  The **Select all** check box below **Section A/Section B** is used to check/unchecked all the items in **Section A/Section B**.

Sync

Sync

Copy contents from PDERS to CAS

Copy contents from CAS to PDERS

Section A	Section B

☐ select all [PDERS->CAS]   ☐ select all   [CAS->PDERS]

- **Section A**
  The **Section A** is used to show all the headers in current PDERS sheet.

- **PDERS->CAS**
  Copy the cells of specified columns from current PDERS sheet and paste them to the current CAS sheet according to the xml names in current CAS sheet. If user press the button without selected any items in **Section A**, there should be a prompt to notify user.
- **Section B**
  The Section B is used to show all the headers in current CAS sheet.
- **CAS->PDERS**
  Copy the cells of specified columns from current CAS sheet and paste them to the current PDERS sheet according to the xml names in current CAS sheet. If user press the button without selected any items in **Section B**, there should be a prompt to notify user.
- **Select all**
  The **Select all** check box below **Section A**/**Section B** is used to check/unchecked all the items in **Section A**/**Section B**.

Preview

Section A

| Section B | Search | | Add | Delete | Lock POR | Preview |

- **Section A**
  Show the content of four columns of current PDERS sheet.
- **Section B**
  Input interface for user to enter the keyword of which they are looking for.
- **Search**
  Press button to find next position which matches the searching pattern. If there is no matching cell, there should be a prompt to notify user.
- **Add**
  Append a blank row under the selected cell of **Section A**. If user press the button without selected cell **Section A**, there should be a prompt to notify user.
- **Delete**
  Delete the entire row that contains the selected cell of **Section A**. If user press the button without selected cell **Section A**, there should be a prompt to notify user.
- **Lock POR**
  Step 1:Unlock the current PDERS sheet.

Step 2:Set the protection mode of all the cell in current PDERS sheet to unlocked.
Step 3:Iterate all the status. If the status is "POR", set the protection mode of entire row to locked.
Step 4:Lock the current PDERS sheet.

- **Preview**
  Open a new window to display the full content of current PDERS sheet.

Information

Row: Col:	0%

Show the progress bar and the necessary informations for user.

Setup.ini

A configuration file located in the same directory of **Excel Operator.exe**.

Content

```
[setup]
MAX_ROW:1000
COLOR=Orange
CAS_NAME_FILTER=cas
PDERS_NAME_FILTER=pders
```

Usage

1. Change **MAX_ROW** to limit the max row read by program while loading the worksheet.
   The value will be set to 1000 if **MAX_ROW** is missing or illegal in **setup.ini**.
   Default value:1000

2. Change **COLOR** to set the color which will be used to fill up the cell.
   This item shoud only be set as one of the optional values listed below. Illegal value will be rejected and replaced by default value.
   Optional value: **White**, **Black**, **Gray-25%**, **Blue-Gray**, **Blue**, **Orange**, **Gray-50%**, **Gold**, **Blue2**, **Green**.
   Default value: **Orange**

3. Change **CAS_NAME_FILTER** to set CAS file name constraint.(case insensitive)
   If this item has been set to a specific string, then only those files whose name contains the specific string could be opened as CAS file.
   The specific string will be set to 'cas' if the **CAS_NAME_FILTER** is missing in **setup.ini**.
   Default value:cas

4. Change **PDERS_NAME_FILTER** to set PDERS file name constraint.(case insensitive)
   If this item has been set to a specific string, then only those files whose name contains the specific string could be opened as PDERS file.
   The specific string will be set to 'pders' if the **PDERS_NAME_FILTER** is missing in **setup.ini**.
   Default value:ps