# EXFOR-EDITOR: QUICK START TUTORIAL AND SOME USEFUL FEATURES 

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## Quick Start Tutorial



The algorithm of EXFOR file compilation is a set of simple steps.
The result is an EXFOR file.

Download archive from NDS or CNPD site
■ Unpack archive


The user could work with the EXFOR-Editor in off-line mode at any convenient place.


ORDER
Pictures03.06 .2016
03.06 .2016
03.06.2016

1. x4plus
2. ZCHEX
allSF3.txt
allSF5.txt
allsF6.txt
allSF7.txt
allSF8.txt
2) d4acc $1 . \mathrm{mdb}$

㨙ExfData3_0.exe
(9) F1271.xml
8) Help_ExfData.chm

鹪 $=$ importlog_seq.xs|
 "
ReadMe_ExfDatar.txt


## Compilation into EXFOR Format



## Data Table Mode

| : Data Table |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Selected Colurn: 1 Selected Row: 2 |  |  |  |  |  | Current Subentiy F1257002 |  |
|  | ANG.CM | MOM | DATA-CM | $\begin{array}{\|l\|} \hline \text { DATA-ERR } \\ \hline \text { MB/SR } \\ \hline \end{array}$ | 4 | Current Subentiy F1257002 |  |
|  | ADEG | VEVIC | VBISR |  |  |  |  |
| 1 | 40. | 800.25 | 1.784 | 0.063 |  | Imporl | Sorl |
| 2 | 40. | 800.25 | 1.784 | 0.063 |  | Paste | Chat |
| 3 | 40 | 803.75 | 1.611 | 0.056 |  | Clear | Check |
| 4 | 40. | 803.75 | 1.633 | 0.056 |  | Column |  |
| 5 | 40 | 810.75 | 1.577 | 0.054 |  | Add | Inseit |
| 6 | 40. | 814.54 | 1.575 | 0.037 |  | Copy | Delele |
| 7 | 40 | 818.13 | 1.586 | 0.036 |  |  | me |
| 8 | 40. | 822.17 | 1.560 | 0.046 |  | Move Lest | Move Right |
| 9 | 40 | 822.17 | 1.531 | 0.045 |  | Cal | tions |
| 10 | 40. | 829.92 | 1.482 | 0.036 |  |  |  |
| 11 | 40 | 833.58 | 1.501 | 0.034 |  | SetP | cision |
| 12 | 40. | 837.67 | 1.478 | 0.052 |  | ADd | Insert |
| 13 | 40 | 841.33 | 1.464 | 0.050 |  | Copy | Delete |
| 14 | 40. | 845.17 | 1.545 | 0.040 |  | Move Up | Mave Down |
| 15 | 40. | 846.83 | 1.549 | 0.038 |  | Undo |  |
| 16 | 40. | 852.67 | 1.553 | 0.054 |  | Uadat | Actor |
| 17 | 40. | 856.33 | 1.466 | 0.052 |  | Table |  |
| 18 | 40. | 859.96 | 1.457 | 0.038 |  | Precision | or Tan |
| 19 | 40. | 863.71 | 1.464 | 0.037 |  | Clear Da | Table |
| 20 | 40 | 867.58 | 1.524 | 0.054 |  | Export D | a Table |
| 21 | 40. | 871.42 | 1.614 | 0.054 |  | Add Dal | Table |
| 22 | 40 | 874.88 | 1.540 | 0.042 |  | Can |  |
| 23 | 40. | 878.79 | 1.513 | 0.040 |  | EXFCR | Elp |
| 24 | 40 | 882.50 | 1.563 | 0.061 | - | H |  |

## Process

numeric data in
Data Table Mode:

■ Import or<br>Copy/Paste

■ Calculations
-Sort
-Set Precision
-Check
numeric data


## Tree Structure of EXFOR File




■Click the left mouse button on any node to navigate through file.
-Click the right button on a SUBENTRY node. Select the DELETE item of popup menu. Set the flag to replace Subentry by the keyword NOSUBENT.

Do the same to delete DATA section or COMMON section.


Click the right button on a keyword or section node.
-Select the EDIT item of popup menu.
-Edit information.

## EXFOR Dictionary Panel




| EXFOR Dictionary Panel |  |  |
| :---: | :---: | :---: |
| Add Selected |  | $x$ |
| †- 016 - Status codes |  |  |
| †-017-Related Reference Codes |  |  |
| † 018-Facility Codes |  |  |
| $\pm 019$ - Incident Source Codes |  |  |
| ( 020 - Additional Result Codes |  |  |
| + 022 - Method Codes |  |  |
| -0 022 - Detector Codes |  |  |
| BAF2 - Scintillator BaF2 |  |  |
| - BF3 - Boron Trifluoride neutron detector |  |  |
| BGO - Bismuth-Germanate crustal detector |  |  |
| BPAIR - Electron-pair spectrometer |  |  |
| - BUBLC - Bubble chamber |  |  |
| CEREN - Cerenkov detector |  |  |
| COIN - Coincidence counter arrangement (Detectors used it |  |  |
| $\cdots$ COMPL - Compton Polarimeter |  |  |
| CSICR - Cesium-lodide crustal |  |  |
| D4PI - 4pi detector |  |  |
| DRFTC - Driit chamber |  |  |
| FISCH - Fission chamber |  |  |
| GE - Germanium detector fo be used when specilic tupe is |  |  |
| $\cdots$ GE-IN - Germanium intrinsic detector |  |  |
| GELI -Germanium-Lithium detector |  |  |
| 1) arıuin |  | $\stackrel{ }{ }$ |
| Text to find: |  |  |
|  | Find |  |

-Click the left button on the code word to select it.
-Press the Alt or Shift button on the keyboard at the same time to select several code words.

■ Drag and drop codes into selected position.

| EXFOR Dictionary Panel |  |
| :---: | :---: |
| \% |  |
| \% |  |
|  |  |
| Pill |  |
|  |  |
|  |  |
|  |  |
| Cass. Cituedesement |  |
| CYCLD - Cuclotron | -Print text into the Text to find field |
|  | -Click the Find button |
|  |  |
|  | -Set flags for the selected codes |
| SYNC Find | -Click the Add Selected button |

## Alternation Flags


-Click the Alternation Flag C button.
-Select menu item where to insert the alternation flag.
-Do the same with the Alternation Flag I button.

## Alternation Flags


-Click the Code A to HISTORY button.
If the Selected SUBENT is chosen than set flags for Subentries.

## Entry Number and Entry Date

| ENTRY | F1257 | 20150520 |
| :--- | ---: | ---: |
| SUBENT | F1257001 | 20150520 |



| , |  |  |
| :--- | ---: | ---: |
| ENTRY | F1259 | 20161020 |
| SUBENT | F1259001 | 20161020 |
| BIB | 12 | 42 |

Input new value in the Entry Number field and click the Set button.

■ Input new value in the Entry Date field and click the Set button.
-New values will be set in all Subentries. The number of subentries will be ordered.


