

EXFOR-EDITOR: QUICK START TUTORIAL AND SOME USEFUL FEATURES

October 24 – 28, 2016, IAEA, Vienna, Austria,

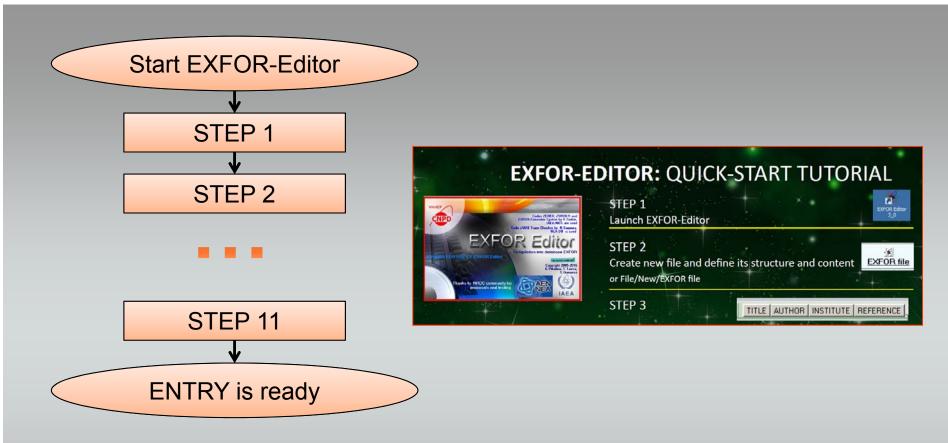
G. Pikulina

CNPD, Russian Federal Nuclear Center – VNIIEF,

Sarov 607188, Russia



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

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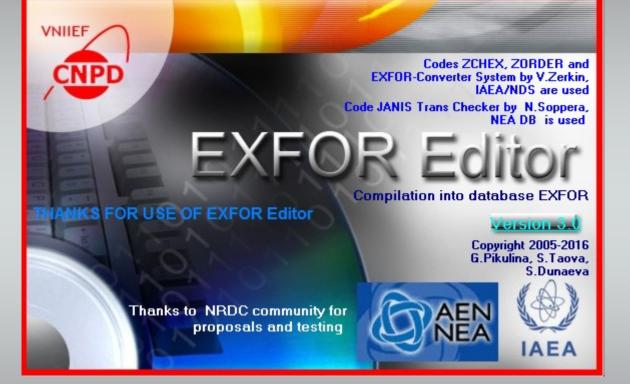
The user could work with the EXFOR-Editor in off-line mode at any convenient place.



EXFOR Editor

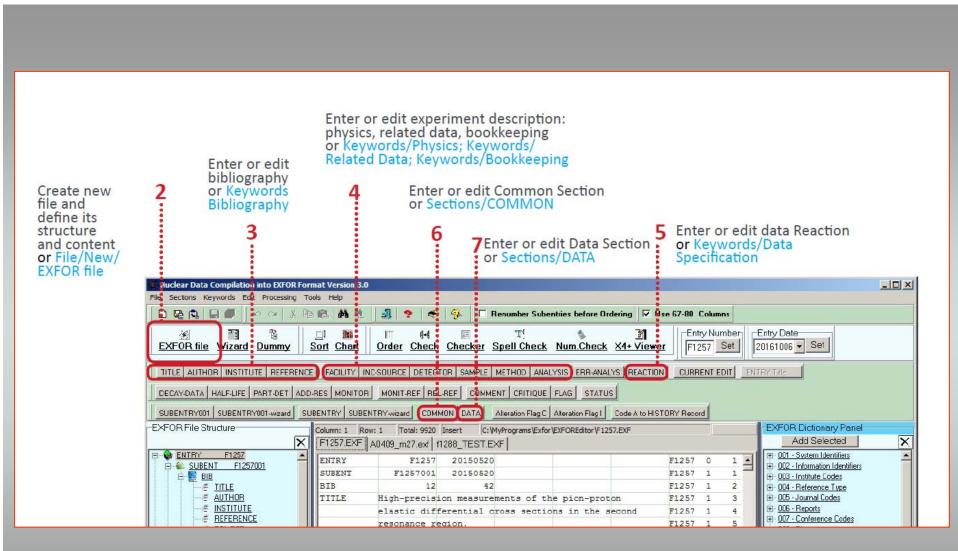
EXFOR-Editor Run

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🖺 F1271.xml	05.07.2016
🛃 Help_ExfData.chm	19.08.2010
💒 importlog_seq.xsl	05.07.2016
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Manual_ExfData.doc	22.05.2013
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LEXFOR HELP.chm	01.12.2010 22.05.2013





Compilation into EXFOR Format



Data Table Mode

Data Table	1 Selected	Row: 2						numeric data i
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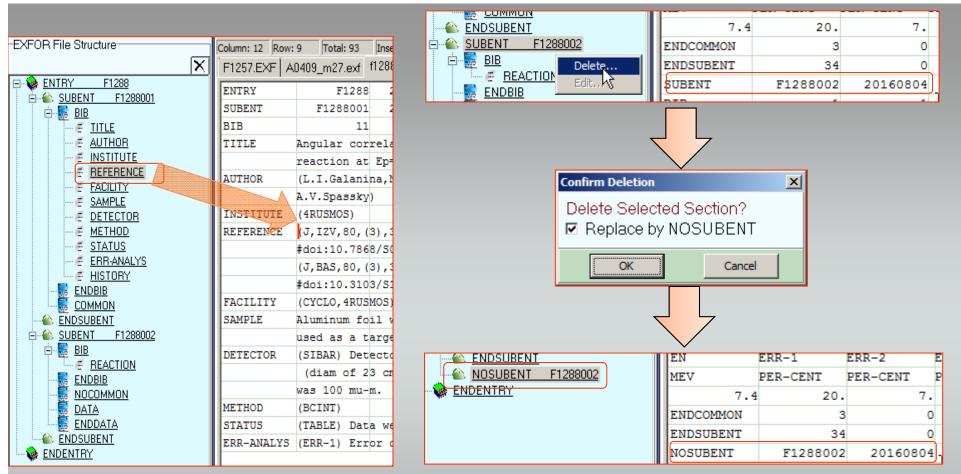


Order, Check and Save

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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.



Keyword or Section Edit in Tree Structure

⇒ - 🏠 ENDSUE ⇒ - 🏠 SUBENT ⇒ - 🛃 BIB	MON EN Delete Edit			PER-CENT	3 ERR-2 PER-CENT 7.	ERR-3 PER-CENT	3.				
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7.4	20.	7.	3.								
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	Current Position: <u>SUBENTRY F1288001_COMMON_section</u> OK Cancel Help EXFOR-Help										

Click the right button on a keyword or section node.

Select the EDIT item of popup menu.

Edit information.



EXFOR Dictionary Panel

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-EXFOR File Structure		Column: 12 Row:	24 Total: 992	0 Insert C:\	MyPrograms\Ex	xfor\	EXFOR Dictionary Panel
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ENTRY F1257		REL-REF		seev+,J,NIM/		I	🕀 - <u>016 - Status codes</u>
☐ ▲ SUBENT F1257001		FACILITY		SITE) The II	EP 10-C		<u>017 - Related Reference Codes</u>
							<u>018 - Facility Codes</u>
E <u>TITLE</u>				ary pion bea	am line		<u>O19 - Incident Source Codes</u>
			synchrotro				<u>020 - Additional Result Codes</u>
		SAMPLE	Liquid hyd:	rogen placed	l into m		1 - 021 - Method Codes
			diameter an	nd 250 mm 1e	ength al		E Older Codes
E <u>REL-REF</u>			a target.				BAF2 - Scintillator BaF2 BF3 - Boron Trifluoride neutron detector
E FACILITY		DETECTOR	(DRFTC) Two	chambers d	losest		BF3 - Boron Thildonde neutron detector BG0 - Bismuth-Germanate crystal detector
E SAMPLE			· · · /	area 600*400			- BPAIR - Electron-pair spectrometer
		L					BUBLC - Bubble chamber
ERR-ANALYS				area 1200*80			CEREN - Cerenkov detector
E STATUS			¥	CO2 is used			COIN - Coincidence counter arrangement (Detectors used in
			Selection (of the elast	cic even		- COMPL - Compton Polarimeter
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соммон		ERR-ANALYS	(ERR-SYS)	Systematic	error		
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						2	Text to find:
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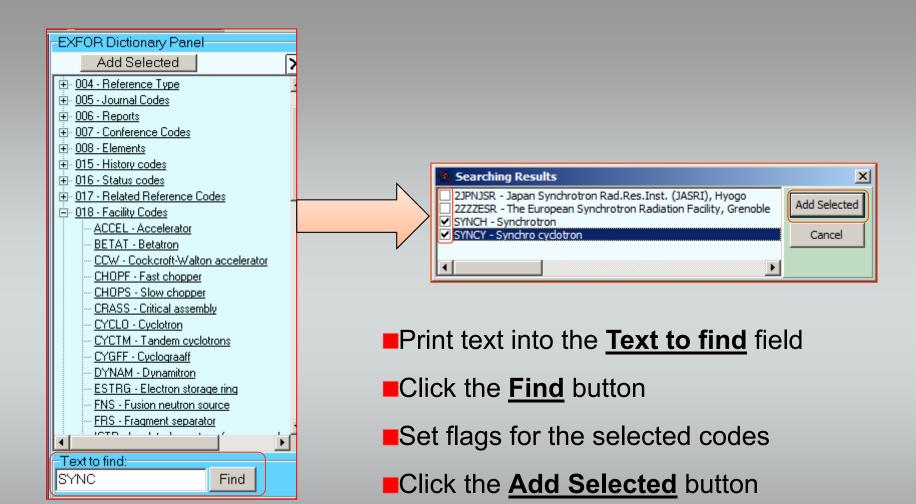
Click the left button on the code word to select it.

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.



Code Word Search





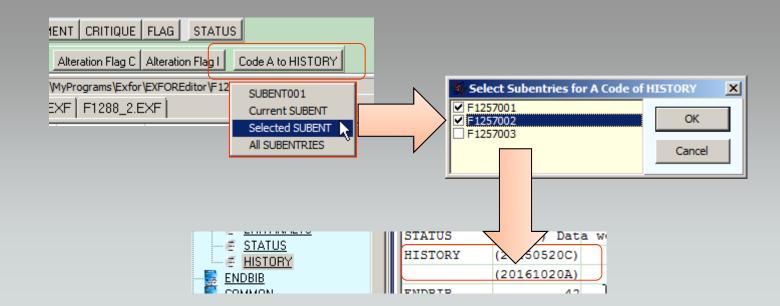
IENT CRITI	QUE FLAG ST/	ATUS	STORY					
WyProgr EXF F	Entry Row SUBENT001 Row Current SUBENT Roy Selected SUBENT Ro All SUBENTRIES	XF						
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SUBENT	C F1257001	20161020			F12	257	1	1
BIB	- 12	42			F12	257	1	2
TITLE	High-precis	ion measure	ments of the	e pion-prot	on F12	257	1	3 -

Click the <u>Alternation Flag C</u> button.

Select menu item where to insert the alternation flag.

Do the same with the **<u>Alternation Flag I</u>** button.





Click the Code A to HISTORY button.

If the Selected SUBENT is chosen than set flags for Subentries.



Entry Number and Entry Date

I	ENTRY		F1257			150	520				
5	SUBENT	F1	25700	1	20	150	520				
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e Ordering 🔽 Use 67-80 Columns											
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Input new value in the <u>Entry</u> Number field and click the Set button.

Input new value in the <u>Entry</u> Date field and click the Set button.

New values will be set in all Subentries. The number of subentries will be ordered.





THANK YOU!

