	Endf2
Duranian BNDEGG	Endf2
Program ENDF2C	Endf2
Convert ENDF Data to Standard FORTRAN, C and C++ Format.	Endf2
solvere mar succession summary of the over rounds.	Endf2
Version 2014-1 Feb. 2014 * Initial version.	Endf2
2014-2 Oct. 2014 * Changed from D to E exponential form	Endf2
to improve compatibility between	Endf2
computer languages.	Endf2
2015-1 Jan. 2015 * General updates for release with	Endf2
PREPRO2015.	Endf2
* Changed ENDF data filenames from ENDF2C	
to ENDFB, to agree with PREPRO default definitions.	Endf2
* Added code name (to be compatible with PREPRO output), but NOT TIME (to keep this code as computer independent	Endf2 Endf2
	Endf2
	Endf2
as possible).	Endf2
2017-1 May 2017 * Updated based on user feedbsck	Endf2
<u>-</u>	Endf2
	Endf2
Purpose	Endf2
	Endf2
This code is designed for,	Endf2
1) ENDF Data in any ENDF format = ENDF-1 through ENDF-6.	Endf2
2) On any type of computer = 32 or 64 bit system/compiler	Endf2 Endf2
This code tries to keep things as simple as possible	Endf2
1) There are NO INPUT PARAMETERS.	Endf2
2) It reads an ENDF formatted file named ENDFB.IN	Endf2
3) It writes an ENDF formatted file named ENDFB.OUT	Endf2
4) It writes a report file named ENDF2C.LST	Endf2
	Endf2
Author's Message	Endf2
Toronidan incoming that many data to the control to the Control	Endf2
I consider insuring that ENDF data is in a standard, officially approved format for FORTRAN, C and C++ is SO IMPORTANT this code	Endf2
does only one thing - and only one thing - and it does it in the	Endf2 Endf2
simplest possible manner - efficiency is NOT a consideration -	Endf2
ONLY accuracy and general utility of the ENDF data is considered.	Endf2
uoou-uo, unu gono-u- uoo, o- uno uuou o	Endf2
Method	Endf2
	Endf2
Other codes that attempt to do the same thing - including codes	Endf2
: + +	Endf2
	Endf2
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Blank and integer fields are copied exactly as read. ALL floating Endf2c point number that are read are converted internally from character Endf2c to floating point - they are then converted back into characters Endf2c

Endf2c

in a standard, officially approved format, for output.

Endf2c As a last step to insure the accuracy of results the characters Endf2c to be output are again converted from characters to floating Endf2c point, and the numerical value that is output is compared to the numerical value originally read, and if there is ANY DIFFERENCE Endf2c the characters strings read and written are listed in the output: the characters strings read and written as well as the difference Endf2c is listed in the output report (ENDF2C.LST) and on the screen. Endf2c Endf2c Running Time Endf2c Endf2c It takes only seconds to translate an ENDF formatted evaluation, Endf2c so running time need not be a consideration. Concentrate on Endf2c keeping it simple and reliable - that should be your focus. Endf2c Endf2c Endf2c Documentation Endf2c ALL of my codes that process ENDF data and change it in ANY WAY Endf2c document what they have done by adding comment lines at the end Endf2c of the comment section (MF/MT=1/451) of each evaluation. This allows data users to determine the pedigree of the data they are Endf2c using, by reading these comments. This code documents what is has Endf2c done by adding the following 2 comment lines. Endf2c Endf2c \*\*\*\*\*\*\*\*\*\* Program ENDF2C (Version 2018-1) \*\*\*\*\*\*\*\*\*\* Endf2c Convert ENDF Data to Standard FORTRAN, C and C++ Format Endf2c Endf2c WARNING - This documentation is IMPORTANT to data users and it Endf2c should not be deleted. Endf2c Endf2c Written by Endf2c Dermott E. Cullen Endf2c University of California (retired) -----Present Home Address------ Endf2c Dermott E. Cullen 1466 Hudson Way Endf2c Livermore, CA 94550 Endf2c U.S.A. Endf2c Telephone 925-443-1911 Endf2c E. Mail RedCullen1@Comcast.net Endf2c Website RedCullen1.net/HOMEPAGE.NEW Endf2c

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