

Version controlled EXFOR Entry Files on NRDC GitHub (A76)

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There has been an interest in maintaining EXFOR files in a version control system, and I recognize the presence of two such repositories developed and maintained by the NRDC members:

- EXFOR Archive: <https://github.com/iaea-nrdcnetwork/exfor-archive/>
- EXFOR Main: <https://git.oecd-neo.org/exfor/exfor-main/>

To learn advantages to have EXFOR files in a version control system, I created a repository of EXFOR Entry Files on the NRDC GitHub (<https://github.com/iaea-nrdcnetwork/exfor-entry-file.git>), and maintain it *on a trial basis*.

Once release of a new TRANS file is announced by the originating centre, the EXFOR Entry Files (<https://nds.iaea.org/nrdc/exfor-master/entry/>) are immediately updated by DIRUP (a tool of the ForEXy package). Then the GitHub repository is automatically synchronized with the updated EXFOR Entry Files. (N.B. The EXFOR Entry Files are merged into a single file at the end of each year by MAKLIB of the ForEXy package, and it becomes the EXFOR Master File of the year.

You can copy this repository in your local computer by the “clone” command and also can synchronize your local copy with the GitHub repository by “pull” command. See the end of WP2025-33 for command examples.

The screenshot displays the GitHub interface for the repository **IAEA-NRDCNetwork / EXFOR-Entry-File**. The repository is public and has 0 forks and 0 stars. The 'main' branch is selected. The file list shows:

File	Update	Time
entry	updated with TRANS.M137	yesterday
README.md	README.md updated	3 weeks ago
x4_dirupd.log	updated with TRANS.M137	yesterday

The **README** section is expanded, showing the title **EXFOR-Entry-File** and the following text:

What is EXFOR Entry File?

The [EXFOR Entry File](#) is an official current snapshot of the EXFOR library and collects the latest versions of all EXFOR entries and EXFOR/CINDA dictionary. Visit the [EXFOR Master File](#) for the annual snapshot.

Download

- download the zipped file of the current version from the [EXFOR Entry File](#) website, or
- download the full repository using the terminal command:

```
https://github.com/iaea-nrdcnetwork/exfor-entry-file.git
```

The right sidebar shows the repository's statistics: 0 stars, 1 watching, 0 forks, and 0 releases published.