

Dear Colleagues, dear Fortran Course Participants,

Please be aware, that you need gfortran on your computer. You should also have access to the Fortran 2018 Standard as a PDF document.

The gfortran compiler

For Windows

To install gfortran on your **windows-computer**, please go to the URL <http://www.equation.com/servlet/equation.cmd?fa=fortran> and download the latest weekly snapshot as a self-extracting file in the 32-bit or the 64-bit version. The name is e.g.

gcc-10-20200405-64.exe

gcc-12-20220206-64.exe (on 07.02.2022)

The name and version may change every few days.

Download this file and execute it. You might need administrator privileges.

After finishing the installation, please open a cmd window.

In the window type in

```
gfortran -v
```

You should see as last line

```
gfortran version <version number> <some additional data>
```

Problems with Windows security features

If using Windows 10 the download of the file is not working because of potential security issues, you have to disable the protection settings.

English:

- Start
- Settings
- Update & Security
- Windows Security
- App & browser control
- Reputation-based protection
 - Reputation-based settings
 - Check apps and files: set to Off

After downloading the file set to On for Check apps and files

Deutsch:

- Start
- Einstellungen
- Update & Sicherheit
- Windows Sicherheit
- App- & Browsersteuerung
- Zuverlässigkeitsbasierter Schutz
 - Einstellungen für zuverlässigkeitsbasierter Schutz
 - Apps und Dateien überprüfen: auf Aus schalten

Nach Download des Files wieder auf Ein schalten

For Linux

On your **Linux machine**, Fortran is installed as part of gcc.

Assure that you have a modern version.

The Fortran 2018 Standard

Furthermore you should download the Draft for the Fortran 2018 Standard from <https://wg5-fortran.org/documents.html>

That is the document [N2146](#).

It is not possible to download the Standard itself [N2162](#) because of copyright rules.

We can also not download the file [N2146](#) and copy the file for you.

Best regards

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