

# Forcheck V14.4



We just released Forcheck V14.4. This release has many improvements and interesting new features.

## **Extended interoperation with C (ISO/IEC TS 29113) support**

Forcheck V14.4 supports full Fortran 2008 syntax. Most of the constraints are verified. All intrinsic functions are supported. Most intrinsic functions are evaluated to have the result available in constant expressions. Support of TS 29113 adds, among others, assumed-type and assumed-rank entities and the new intrinsic RANK.

## **Tuning the output**

In the configuration file you can now select what information is sent to stdout, placed in the listing file and in the report file. The IDE has a new preferences tab in which you can select your choices.

## **Improved analysis**

- Better usage of information of references of procedures with an explicit interface.
- More concise messages and explanations.

## **Compiler support**

A configuration file is available to support of the PahScale EKOPath compiler.

## **IDE**

The Forcheck IDE also has been improved.

- Make does now also take Include paths, as specified in the preferences, in account.
- Semi-automatic generation of subdirectories during make.
- Various minor improvements both in stability and user interface.

Customers who have a maintenance agreement can download the new release free of charge. See the next page for the download url's.

The download url's are:

For **Windows**:

<http://www.forcheck.nl/kits/V14.4/forcheck-14.4-win32-x86.exe>

For **Linux**:

32-bit executables:

<http://www.forcheck.nl/kits/V14.4/forcheck-14.4-linux-x86.tar.gz>

64-bit executables:

[http://www.forcheck.nl/kits/V14.4/forcheck-14.4-linux-x86\\_64.tar.gz](http://www.forcheck.nl/kits/V14.4/forcheck-14.4-linux-x86_64.tar.gz)

forcheckIDE, the GUI:

32-bit executable:

<http://www.forcheck.nl/kits/V14.4/forcheckIDE-14.4-linux-x86.tar.gz>

64-bit executable:

[http://www.forcheck.nl/kits/V14.4/forcheckIDE-14.4-linux-x86\\_64.tar.gz](http://www.forcheck.nl/kits/V14.4/forcheckIDE-14.4-linux-x86_64.tar.gz)