Tutoriel d'installation de CodeBlocks pour PC Windows (pour Mac, la procédure devrait être relativement analogue)

Aller sur le site de CodeBlocks et récupérer la version qui correspond à votre OS :

https://www.codeblocks.org/downloads/binaries/

Installer le logiciel

Ouvrir le logiciel. L'interface suivante s'affiche :



Aller dans 'Settings' -> 'Compiler'

<table-of-contents> Start here - Code::Blocks 20.03



Sélectionner 'GNU Fortran Compiler'



Cliquer sur l'onglet 'Toolchain executables' -> cliquer sur 'Auto-detect' -> cliquer sur 'OK'

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REMARQUE IMPORTANTE : si la détection automatique est infructueuse, il faut donner le chemin d'accès du dossier contenant l'application « gfortran ». Pour cela vous devez (1) ouvrir un navigateur de fichiers et trouver le dossier contenant l'application gfortran. En général, il est dans un sousdossier du dossier CodeBlocks (lui-même installé par défaut dans Program Files, ou Program Files (x64)). Il faut chercher dans MinGW/bin. Lorsque vous avez repéré le chemin d'accès, il faut le renseigner dans l'interface du logiciel CodeBlock, en cliquant sur le bouton [...] à côte du bouton « Auto-detect » (cf image précédente).

Pour commencer le TD, cliquer sur 'File' -> 'New' -> 'Project'

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Sélectionner 'Fortran application'

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Choisir le nom du projet (par exemple 'TD_01')

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Choisir le dossier de travail (il ne faudra plus le déplacer ensuite) -> cliquer sur 'Next' -> 'Finish'

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Le projet est créé. Par défaut le programme « Hello World » est proposé. Il suffit de le modifier.

Pour compiler, cliquer sur l'engrenage

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Pour exécuter, cliquer sur le flèche verte



Le logiciel ouvre un terminal et lance le programme

