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History of the program *NTv2Tools*

Changes and Supplements of the last five years

Tools for developing and processing of NTv2 files in Binary and ASCII Formats

Detailed Information about the program NTv2Tools: http://www.killetsoft.de/p_ntta_e.htm

Translation of this history to other languages: <https://translate.google.com/>

01.01.2019: Program release NTv2Tools 2.00

Changes and Supplements during the version NTv2Tools 2.xx:

2.00: No changes until now.

17.05.2018: Program release NTv2Tools 1.00

Changes and Supplements during the version NTv2Tools 1.xx:

1.00: First edition tested.

1.01: English and German manual extended.

1.02: Grids with polygonal areas of effect are displayed correctly.

1.02: Number of effective grid meshes in polygonal areas of effect is calculated correctly.

1.03: Publication of a working paper at http://www.killetsoft.de/t_1807_e.htm.

1.03: Help file manual revised.

1.04: Error fixed, when converting from ASCII to Binary on NTv2 files with multiple grids.

1.05: New module to analyze shift ranges and shift directions of all grids of an NTv2 file.

1.05: New chapter about analyzing shift ranges and shift directions in the help file manual.

1.06: New buttons "Gauss" and "Helmert" link to KilletSoft worksheets on the Internet.

1.07: New module to export an NTv2 grid to a new NTv2 file.

1.08: New module to import an NTv2 grid from a NTv2 file.

1.09: New chapters about exporting and importing NTv2 grids in the electronic manual.

1.09: Chapter "General program description" in the electronic manual revised and supplemented.

1.10: Number of grid meshes displayed correctly after language change.

1.11: When presenting the shiftwides, the legend is displayed first.

1.12: Terms related to NTv2 files have been unified.

1.13: Improvements in the underlying GeoDLL.

1.14: Texts in the message windows are displayed in full length.

1.14: Countdown of presentation time in the message windows.

Outlook:

Who can translate the language files used by the program NTv2Tools for the user interface into another language?

Please report!

Hint:

The author would be happy to receive information and suggestions from users for further development of future versions of the program. Please send your experiences and suggestions to:

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