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History of the program *NTv2Poly*

Changes and Supplements of the last five years

Inserting of Polygonal Validity Scopes into NTv2 Binary Files using Outlines from Shape Files

Detailed Information about the program NTv2Poly: http://www.killetsoft.de/p_ntpa_e.htm

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

01.01.2019: Program release NTv2Poly 2.00

Changes and Supplements during the version NTv2Poly 2.xx:

2.00: No changes until now.

17.05.2018: Program release NTv2Poly 1.00

Changes and Supplements during the version NTv2Poly 1.xx:

- 1.00: First edition tested.
- 1.01: English and German manual extended.
- 1.01: NTv2 files and shape files from Germany added as test data.
- 1.02: Exopolygonal entries in the shift values of the meshes improved.
- 1.02: Exopolygonal entries at the margins of the polygons improved.
- 1.03: New graphic window "Area Distribution" added.
- 1.04: New graphic window "Polygonal Validity Scopes" added.
- 1.05: In the trial version no longer corrupted grid values are entered to protect against misuse!
- 1.05: In the test version only 2/3 of the grid meshes are given Polygonal Validities!
- 1.06: Added NTv2 Files and Shape Files from Canada as Test Data.
- 1.07: Any NTv2 files can be graphed with their Polygonal Validities.
- 1.08: Graphic evaluations are automatically displayed after each calculation.
- 1.09: Bug while editing very large NTv2 and Shape files fixed.
- 1.10: Dialogs to open files has been improved.
- 1.10: If dialogs to open files are aborted, previously determined data will be retained
- 1.11: Lost button "Minimize" after calculation is displayed again.
- 1.12: If pressing "Test NTv2 file" several times, the graphic will be displayed correctly.
- 1.13: A minimum size of the graphically windows is defined.
- 1.14: Multiple redrawing of graphics when zooming out or enlarging prevented.
- 1.15: The Polygonal Validity Scopes of different grids are differentiated by color.
- 1.15: The NTv2 grids are different colored and hatched to differ from each other.
- 1.16: Overlapping borders in the graphics eliminated.
- 1.17: Button for unnecessary use of configuration files removed.
- 1.17: Button to download free NTv2 files added.
- 1.17: Some field and menu names are presented in a more understandable way.
- 1.18: In the test version not longer 2/3 of the grid meshes are given Polygonal Validities!
- 1.18: In the trial version only given NTv2 files are allowed for using!
- 1.19: Sub-grids with polygonal areas of effect are displayed correctly.
- 1.19: Polygons of the shape file are displayed in the window "Polygonal Validity Scopes" blue instead of white.
- 1.20: On the English interface some German entries corrected to English.
- 1.21: Publication of a working paper at http://www.killetsoft.de/t_1808_e.htm.
- 1.21: Help file manual revised.
- 1.22: Fixed occasional crashes when editing NTv2 files with multiple subgrids.
- 1.23: Terms related to NTv2 files have been unified.
- 1.24: Improvements in the underlying GeoDLL.
- 1.25: Texts in the message windows are displayed in full length.
- 1.25: Countdown of presentation time in the message windows.

Outlook:

Who can translate the language files used by the program NTv2Poly 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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