

Changelog ToolIP 2019

Plugins

- plugin Gauss: a parameter sigma below zero (out of σ_x , σ_y , σ_z) is replaced by $\sigma = zero$ which means, that this direction will not be filtered
- plugin Math: fix crash when input is a value

New plugins

- add new toolbox ValueUtils
- add new plugins ConvertValue and SetValueMapEntry into toolbox ValueUtils

Plugin changes

- plugin Calculator function "float()" does now support images too
- plugin Display: speedup and improved large image support
- plugin Distance supports image types *IMAGE_GREY_16*, *IMAGE_GREY_32*, and *IMAGE_BINARY_FG* too
- plugin Average3d supports image types *IMAGE_GREY_16*, *IMAGE_GREY_32*, and *IMAGE_BINARY_FG* too
- plugin ZoneList supports image types *IMAGE_GREY_16*, *IMAGE_GREY_32*, and *IMAGE_BINARY_FG* too
- plugin Append supports image types *IMAGE_BINARY_FG* too
- plugin Ranking supports large image data > 4GB now
- plugin Translate supports large image data > 4GB now
- plugin AssertEq has new parameter *negate_assert* for assert-not-equal
- plugin AssertEq now properly handles NAN values
- plugin ZoneList supports now large label numbers till $2^{32} - 1$
- plugin ZoneList supports 3d image data

ToolIP

- add plugin documentation preview via SHIFT+mouse-over
- a plugin error inside of a looped sub-graph does now always end the looping

MAOcmd

- MAOcmd supports writing image types *IMAGE_BINARY_FG* and *IMAGE_COMPLEX_F*
- MAOcmd supports now output placeholder (ignoring outputs) via underscore "_"

RAGBI

- supports now images in TIFF format (2d and 3d)

Known Issues

- plugin Gauss with *sigma* < 1.0 is not symmetric