



# Release Notes

## Animator4 Version 1.1.0.

December 12, 2008

New features for Animator4, version 1.1.0:

- Tcl-scripting interface, Tcl-version 8.5, including a small API to access Animator4.
- New Batch version with full Animator4 functionality.
- Image recording now performs automatic clipping of visible view area (occlusions by other windows/dialogs are not considered, only desktop/workspace boundary)
- Implemented setting default targets for session files: Default targets are taken from the "rea ses" command, these targets are used, when no target specifications appear in the session. The default targets for the "a4\_default.ses"-file are all slots and all views
- Added options to set defaults for curve views
- Support of impact point for identify and identify time history
- New dialog: curve modify for reviewing and modifying all details of a curve including meta data
- Included layer/group info for parts in partdialog
- Implemented additional filters for curvelist
- Implemented drag&drop for parts from partdialog to layerdialog
- Filtering and modifying the unit system can now automatically be done during curve import
- Added spacemouse support.
- QuickCalculation directly in the curvelist (filter, shift & scale)
- Support for PLOTELS
- Calculator GUI was extended to support calculation with displacement and function result.
- Calculator GUI now stores a history of the last used formulas.
- Added support for statesets in "fun/dis cal"
- Ported Animator3 UserPopup functionality to Animator4.
- Ported feature from Animator3 to load vector data as displacements (supported by Nastran and Universal interface).
- Additional functions for curve calculations:
  - inter intersection between curves
  - db dezibel calculation
  - lsml linear regression with least square method

Information about fixed bugs is available from the 'Help->About Animator4->What's new' dialog.

Support contact information:

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