

# Release Notes

## Animator4 Version 1.1.1.

February 3, 2009

New features for Animator4, version 1.1.1:

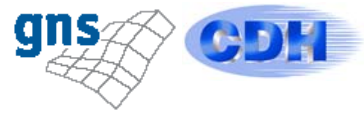
- Visualization of shell element thickness.
- Added support of A4-Batch executable for MS Windows.
- Added configurable rotation mode for model views: Center (classic A3 style), Dynamic (standard A4 style), Fixed (set a specific node / coordinate as permanent rotation center)
- Calculate distances between groups.
- Extensions in autocompletion: group & layer names, interface names
- Per user interface configuration possible, i.e. for definition of custom file filters.
- Per user macros for calculator customization implemented.
- Added analysis type and swing settings to autoload configuration.
- Selection mode in importing static or modal results switchable: select several functions for a single loadcase or select a single function for several loadcases.
- Automatic re-evaluation of group definitions: Element Id-lists are translated to part ids if possible.
- Open dialog automatically chooses an initial file depending on selected Interface.
- Extended TreeDialog by group tab, interactive group definition, modification and handling with drag and drop support.
- Compressed id-lists in exported session files.
- Performance improvements when handling large sets of curve data.
- Cancellation of import moved to command widget, so no dialogs popup which might automatically change desktops.
- Copy curve data to clipboard in curve modify dialog, for pasting to i.e. spreadsheet applications.

New Commands

- `wri ses crs`: Write a session file of cross sections definitions.
- `wri ses fol`: Write a session file of follow definition.
- `sty pid off`: Define an offset for shell elements to visualize thickness.
- `wri bou`: Export the boundary of a geometry.
- `opt img cor fra on/off`: En-/Disable correction frame around videos and images.
- `gro ele add/era` : Add / remove elements from a group definition.

Input Interfaces

- Added support for Abaqus 6.8-EF1.
- Performance improvements reading functions femzipped Pamcrash files with femzip2.
- Medina pid-sets are now imported.
- Added / enhanced support for MTOCO, BOUNC and CONLO in Pamcrash input files.
- Added support for Gensis op2 in Nastran interface.



#### Output Interfaces

- Added support for additional bar types (CWELD, CSPRING, CDAMPER, PLOTEL) in Nastran output.

#### Curve Interfaces

- Added support for Abaqus 6.8-EF1.
- Support for curve unit definitions in DIAdem and ISO-MME

For further details and a list of bugfixes see the WhatsNew tab in the about dialog in Animator4 or review the file WhatsNew.text in the installation directory.

#### Support contact information:

CDH AG  
Animator Support  
Hotline: Tel. +49-841-97481-13  
Email: support@cdh-ag.com