



18.1.1 Editors - Graph Editor - Header tools and options

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Introduction

The header contains various menus and tools. This chapter here is about the tools, modes and options elements in the header.

The text menus are covered in a own chapter each. They vary too much, dependent of mode and object type.



Header Tabs

The tabs at the very left allows you to switch between the four most important editor types by one click. Dope sheet Editor, Graph Editor, Driver Editor, NLA Editor.



Use Normalization, Create Ghost Curves

Use Normalization



Normalizes the curves so that the maximum does not exceed 1 and the minimum does not go lower than -1

Auto Normalization

Automatically recalculate curve normalization when you modify the curve.

Create Ghost Curves

Creates a snapshot of the current curves, and displays it as a background image in the viewport. This background image is not permanent, and will be deleted when you close Bforartists.

When a ghost background image is created then the button turns into a delete button with which you can remove the ghost image.

Show Hide elements



Only Show Selected

Display only the data for the selected object in the list of elements. If off it displays all available animation data of the whole scene.

Show Hidden

Include channels from objects / bones that are not visible. This feature just works with Only Selected off.

Only Show Errors

Only display F-Curves and Drivers that have errors or are disabled.

Filters

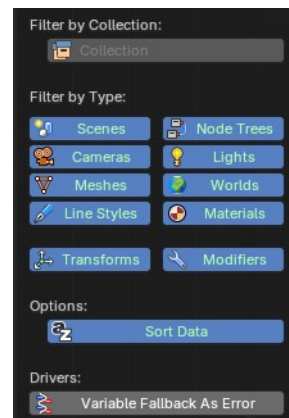
The show hide elements allows you to filter out the general elements. The Filters panel allows you to filter out further elements.

Filter by Collection

Just display the content from the chosen collection in the list of elements.

Filter by Type

In this section you can choose what type of animation data should be displayed. The names should be self explaining.



Options

Sort Data Blocks

Alphabetically sort the data in the list of elements.

Drivers

Variable Fallback As Error

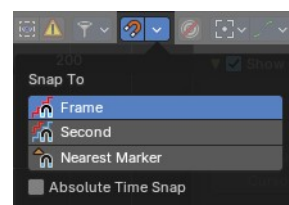
Include drivers that relies on any fallback values for their evaluation in the "only show errors" filter, even if the driver evaluation succeeded.

Snap

Adjust how the selected keyframe or fcurve point snaps to other elements.

Snap

Enable snapping



Snapping options

Snap to

The element to snap to.

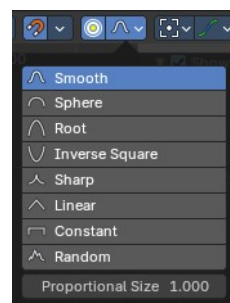
Absolute Time Snap

Absolute Time alignment when transforming keyframes.

Proportional Editing

Enable proportional editing

Proportional editing allows you for example to scale two keyframes and influence the not selected neighbor keyframes in a proportional way. Or the proportional editing of fcurve points.



Proportional Editing Falloff

The drop down menu to choose the proportional editing falloff method. It is just available when the proportional tool is active.

Falloff Type

The falloff method

Proportional Size

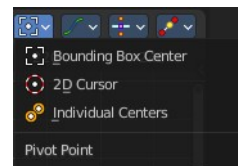
Display size of the proportional editing circle.

Pivot Point

The pivot point defines the center of manipulations.

Bounding Box Center

Transformation happens around the bounding box center.



2D Cursor

Transformation happens around the timeline cursor.

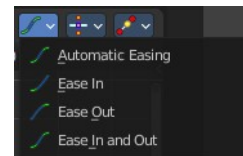
Individual Centers

Transformation happens around the individual centers of the selected elements.

Easing Mode

Easing Mode

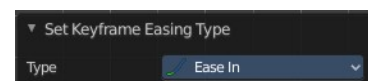
The easing methods in the interpolation mode menu are for the easing shape. This menu allows you to choose an easing method.



Last Operator Set Keyframe Easing Type

Type

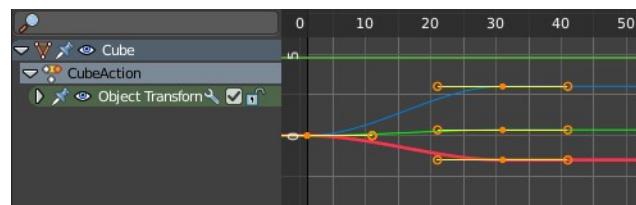
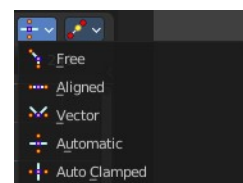
Set the easing type.



Keyframe Handle Type

Set the handle type for the currently selected keyframes.

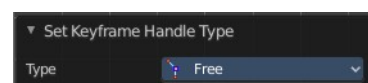
This is a feature for the Graph editor, where each curve point has its own handler with which you can influence the curve behavior. But the handler type also influences how the animation curve acts at the chosen keyframes. So it has its use in the dope sheet editor too.



Last Operator Set Keyframe Handle Type

Type

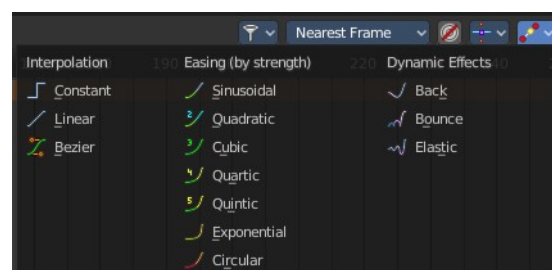
Set the handle type for the currently selected curve point.



Keyframe Interpolation

The keyframe interpolation mode defines how the curve acts from keyframe to keyframe. You can have a linear curve between two keyframes instead of a bent one for example.

The easing methods here in the interpolation mode menu are for

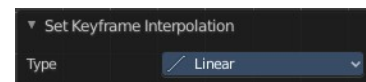


the easing shape. There is also an easing menu where you can choose a easing method.

Last Operator Set Keyframe Interpolation

Type

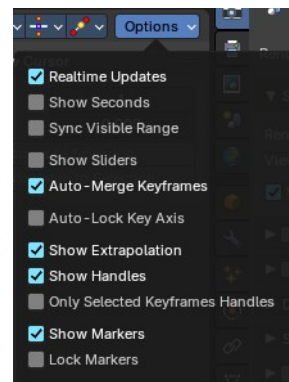
Set the interpolation mode.



Options

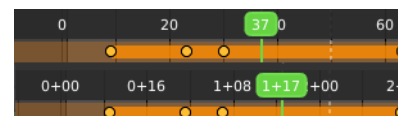
Real-time Updates

When transforming keyframes then this transformation is also immediately visible in other editors.



Show Seconds

Show the timing in the timeline area in seconds instead of frames.



Sync visible range

Synchronize the visible timeline range with other visible time based editors. When you zoom in or out in the one editor, then it zooms in or out in the other editor too. Each editor to sync needs to have Sync Visible Range ticked.

Show Sliders

Shows the value sliders for f-curve channels in the channel list.



AutoMerge Keyframes

Automatically merge nearby keyframes.

Auto Lock Key Axis

Automatically locks the movement fo keyframes to the dominant axis.

Show Extrapolation

Shows the curves after the last keyframe.

Show Handles

Show the handles at the keyframes.

Only Selected Keyframes Handles

Just show the handles of the keyframes from the selected curves.

Show Markers

Display the markers row at the bottom of the view.

Lock Markers

Make the markers uneditable.