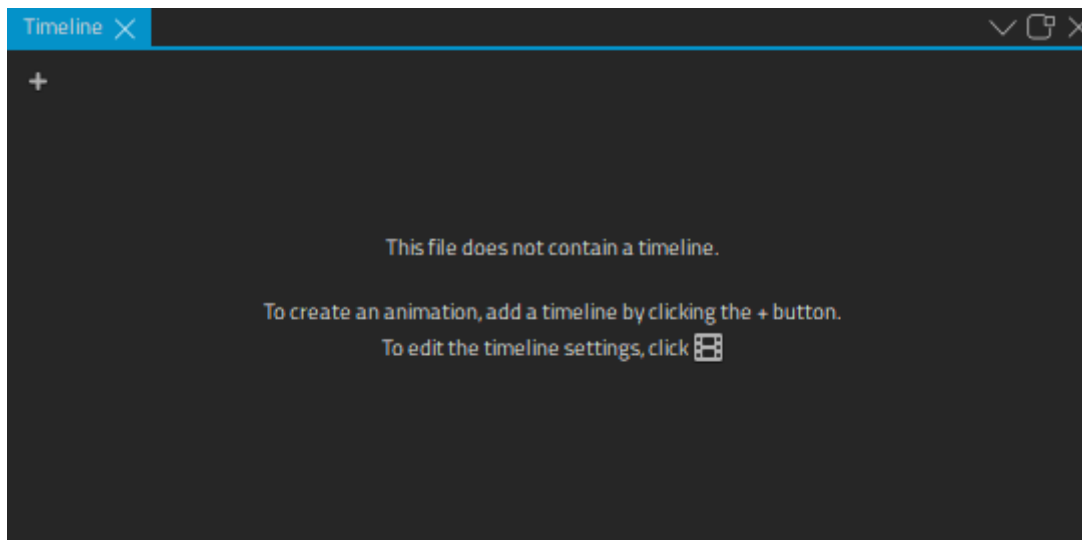
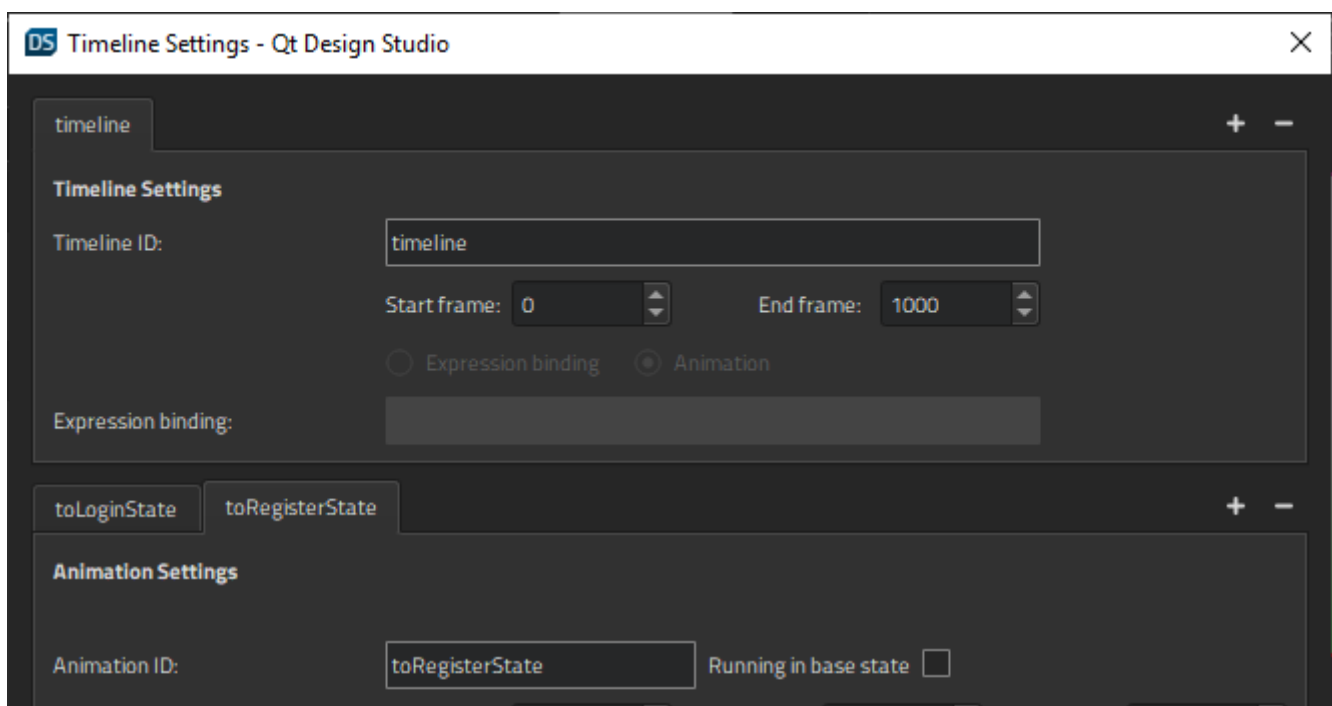


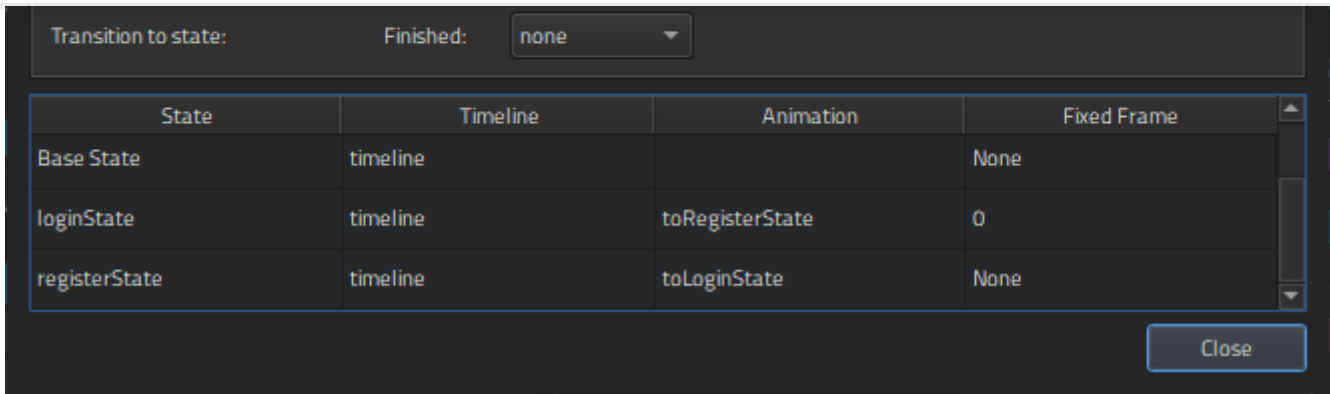
# Timeline

You can use the timeline and keyframe based editor in the **Timeline** view to animate the properties of **components**. The view is empty until you create a timeline.

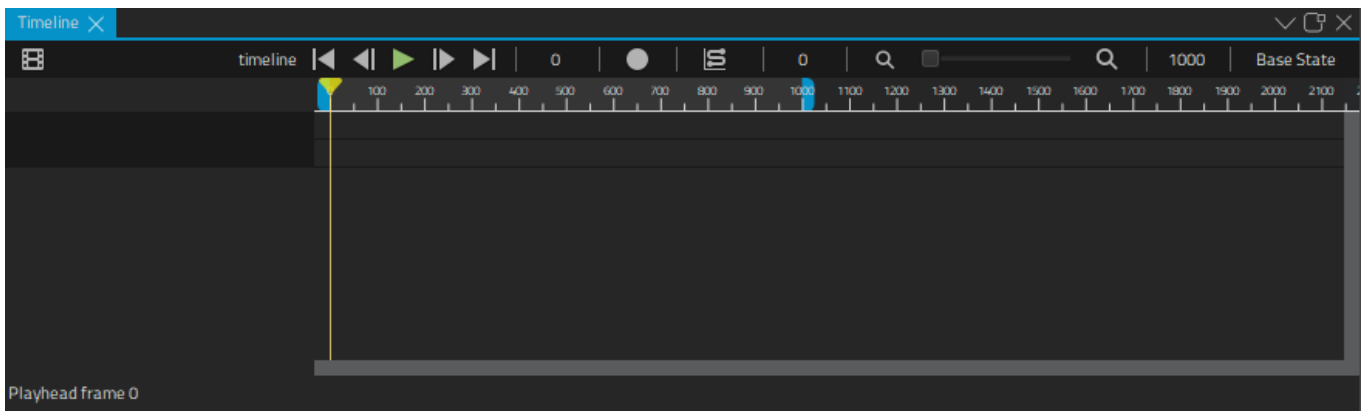


Select the **+** (Add Timeline) button to **create a timeline** and specify settings for it in the **Timeline Settings** dialog.

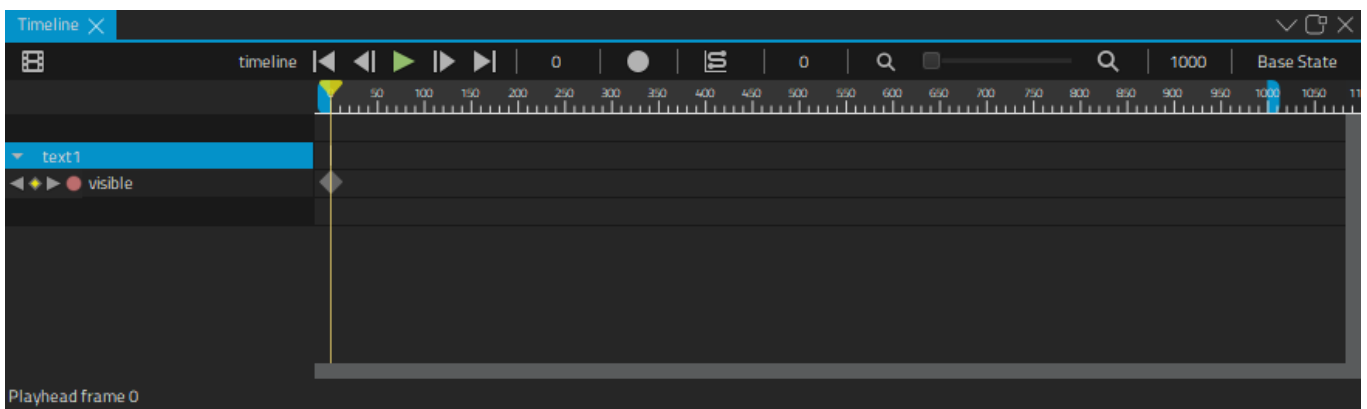




When you select **Close**, the **Timeline** view appears. It now displays a **toolbar** and a ruler but no keyframe tracks.



To animate component properties in the **Timeline** view, you must **insert keyframes** for them. In the **Properties** view, select **(Actions) > Insert Keyframe** for a property that you want to animate. A keyframe track is generated for each component that you insert keyframes for.



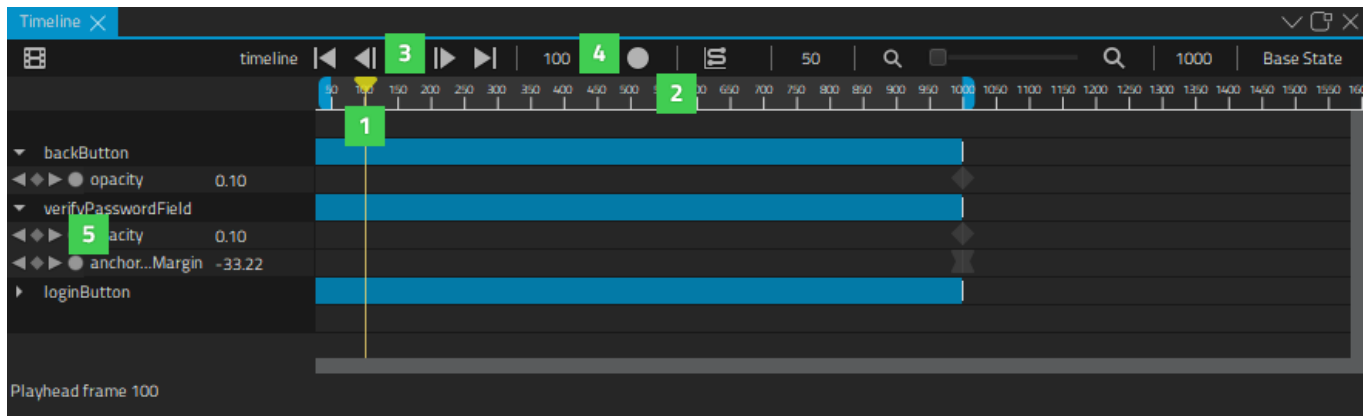
You can now select **●** to **record changes** in component properties while you **navigate the timeline**.

The following video shows how to insert keyframes for component properties and to animate them in **Timeline**:

To try it yourself, follow the [Log In UI - Timeline](#) tutorial.

For more information about creating timeline animations, see [Creating Timeline Animations](#).

## Navigating in Timeline



You can navigate the timeline in the following ways:

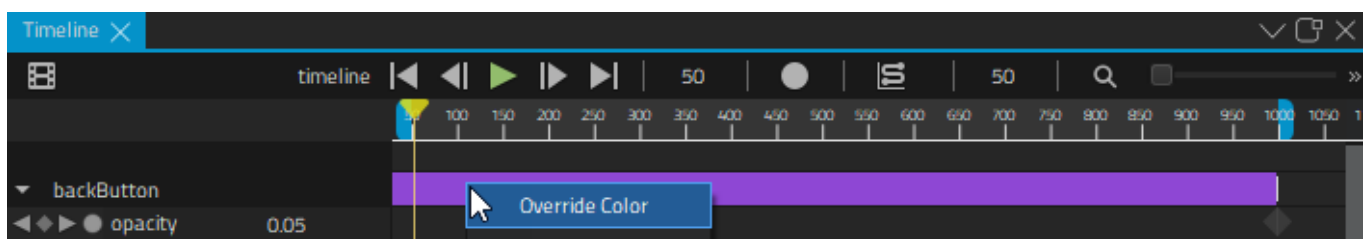
- › Drag the playhead (1) to a frame.
- › Click on the ruler (2) to move to a frame.
- › Select the **To Start (Home)**, **Previous (,)**, **Next (.)**, or **To End (End)** buttons (3), or use the keyboard shortcuts to move to the first, previous, next, or last frame on the timeline.
- › Enter the number of a frame in the current keyframe field (4) to move to that frame.
- › Select the **Previous** and **Next** buttons next to a property name on the timeline (5) to move to the previous or next keyframe for that property.

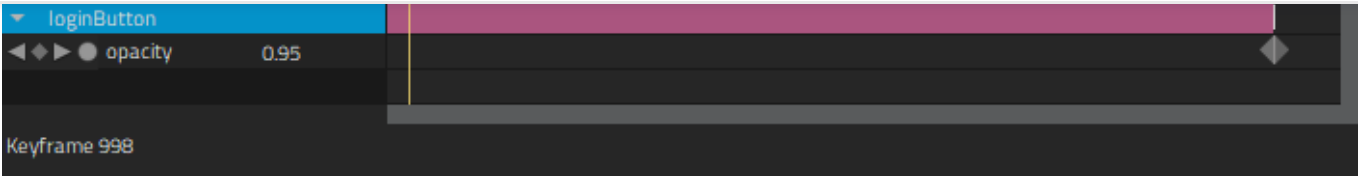
## Zooming in Timeline

Use the slider on the toolbar to set the zooming level in the **Timeline** view. Select the and buttons to zoom out of or into the view.

## Setting Keyframe Track Color











To change the color of a keyframe track, select **Override Color** in the context menu, and then select a color in the [color picker](#). To reset the color, select **Reset Color**.













## Timeline Toolbar

The **Timeline** toolbar contains the following buttons and fields.

| Button/Field  | Action   | Read More                               |
|---|--|---|
|    | Opens the <b>Timeline Settings</b> dialog for editing timeline settings.   | <a href="#">Creating a Timeline</a>     |
| Timeline ID   | Displays the ID of the current timeline.   | <a href="#">Creating a Timeline</a>     |
|    | <b>To Start (Home)</b> moves to the first frame on the timeline.   | <a href="#">Navigating in Timeline</a>  |
|    | <b>Previous (,)</b> moves to the previous frame on the timeline.   | <a href="#">Navigating in Timeline</a>  |
|  | <b>Play (Space)</b> previews the animation.  | <a href="#">Viewing the Animation</a>   |
|  | <b>Next (.)</b> moves to the next frame on the timeline.   | <a href="#">Navigating in Timeline</a>  |
|  | <b>To End (End)</b> moves to the last frame on the timeline.   | <a href="#">Navigating in Timeline</a>  |
| Current Keyframe  | Displays the frame that the playhead is currently on. Enter a number in the field to move the playhead to the respective frame.  | <a href="#">Navigating in Timeline</a>  |
|  | Records changes in keyframe values.  | <a href="#">Setting Keyframe Values</a> |
|  | Opens <b>Easing Curve Editor</b> for attaching an easing curve to the selected transition.   | <a href="#">Editing Easing Curves</a>   |
| Start Frame   | Specifies the first frame of the timeline. Negative values are allowed. The difference between the start frame and the end frame determines the duration of the animation. | <a href="#">Creating a Timeline</a>     |
|  | <b>Zoom Out (Ctrl+-)</b> zooms out of the view.  | <a href="#">Zooming in Timeline</a>     |
| Slider  | Sets the zooming level.  | <a href="#">Zooming in Timeline</a>     |
|  | <b>Zoom In (Ctrl++)</b> zooms into the view.   | <a href="#">Zooming in Timeline</a>     |
| End Frame   | Specifies the last frame of the timeline. The difference between the start frame and the end frame determines the duration of the animation, so if the start frame is 0    | <a href="#">Creating a Timeline</a>     |

## Keyframe Track Icons

Each keyframe track can contain the following buttons and markers.

| Button/Icon   | Action  | Read More                               |
|---|---|---|
|    | Jumps to the previous frame on the timeline.  | <a href="#">Setting Keyframe Values</a> |
|    | Jumps to the next frame on the timeline.  | <a href="#">Setting Keyframe Values</a> |
|    | Records changes in keyframe values for a particular property.   | <a href="#">Setting Keyframe Values</a> |
|  | Indicates the type of easing curve attached to the keyframe. When a keyframe track is selected, the keyframe markers on it turn gray, and when a keyframe itself is selected, its marker turns brown: <ul style="list-style-type: none"><li> - linear easing curve</li><li> - manually set Bezier curve</li><li> - automatically set Bezier curve</li><li> - linear-to-Bezier curve</li></ul> | <a href="#">Editing Easing Curves</a>   |

## Timeline Context Menu

The following table summarizes the context menu items available for each keyframe track for a component, property, or keyframe marker and provides links to more information about them.

| To Learn About                 | Go To                                   |
|--------------------------------|---|
| Delete All Keyframes           | <a href="#">Deleting Keyframes</a>      |
| Add Keyframes at Current Frame | <a href="#">Setting Keyframe Values</a> |
| Copy All Keyframes             | <a href="#">Copying Keyframes</a>       |
| Paste Keyframes                | <a href="#">Copying Keyframes</a>       |
| Remove Property                | <a href="#">Setting Keyframe Values</a> |
| Delete Keyframe                | <a href="#">Deleting Keyframes</a>      |
| Edit Easing Curve              | <a href="#">Editing Easing Curves</a>   |
| To Learn About                 | Go To                                   |



|             |                              |
|-------------|------------------------------|
| Reset Color | Setting Keyframe Track Color |
|-------------|------------------------------|

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