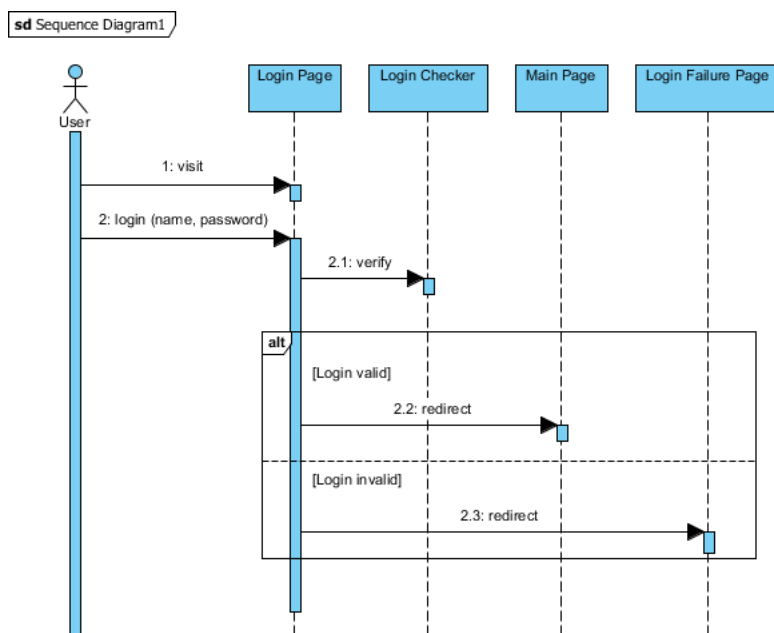




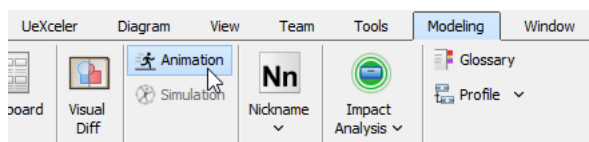
How to Animate a UML Sequence Diagram?

Written Date : April 26, 2010

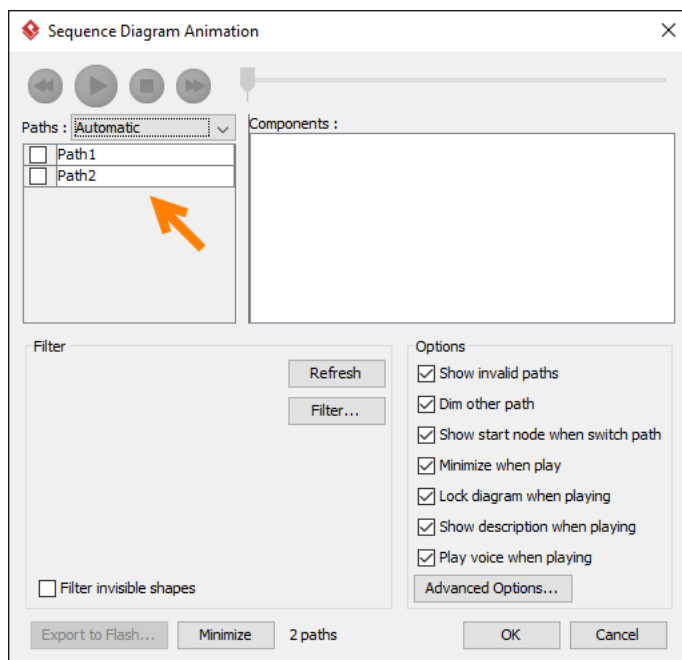
1. Download [Login.vpp](#). You can also find this file at the bottom of this tutorial.
2. Open the downloaded .vpp file in Visual Paradigm. To open a project, select **Project > Open** from the application toolbar.
3. Open the UML sequence diagram.
4. Study the diagram, which models a simple login process.



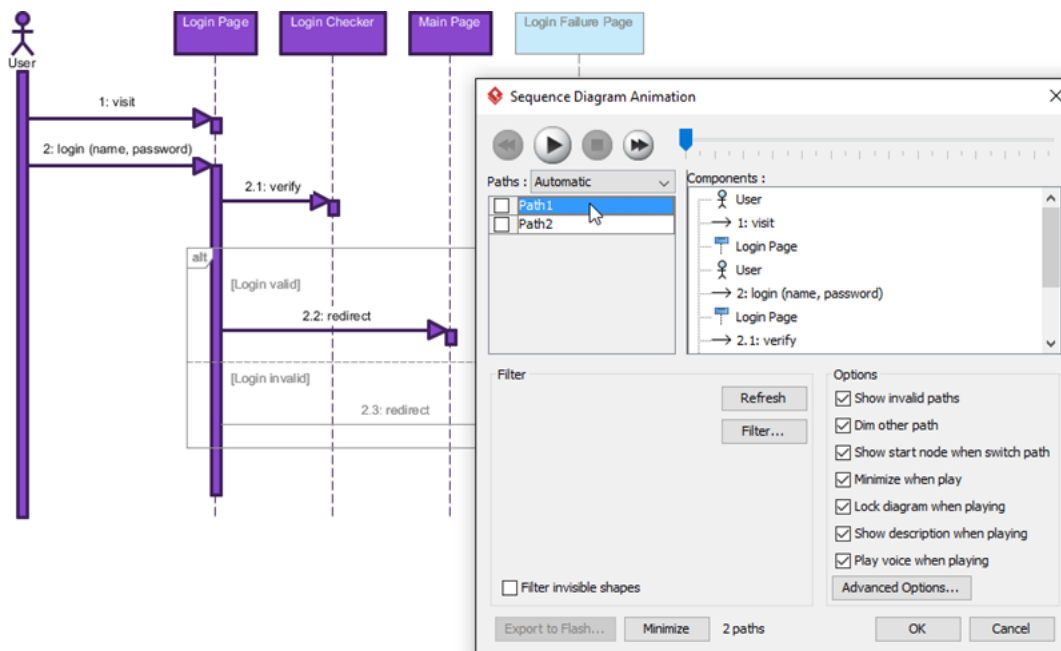
5. Select **Modeling > Animation** from the application toolbar.



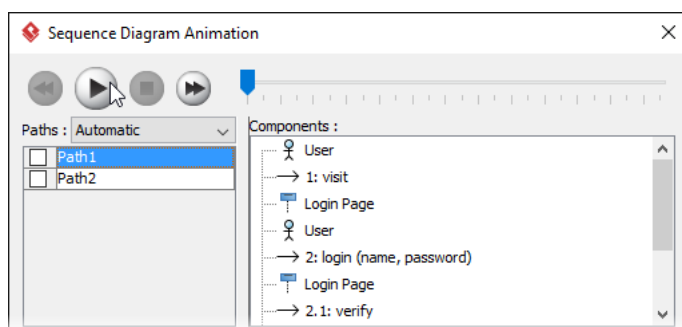
- On the left-hand side of the **Animation** window, two paths are listed. They refer to the possible execution paths you can find on the UML sequence diagram.



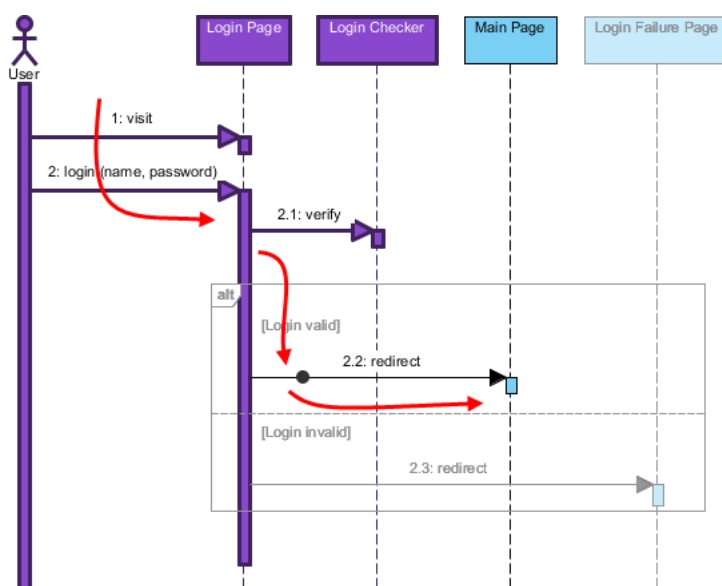
Move the **Animation** window so that the sequence diagram in the background is not covered. Select *Path1* and observe the highlighted path on the diagram. Then, select *Path2*. You can see that *Path1* refers to the path for a valid login, while *Path2* refers to an invalid login.



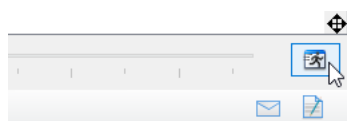
7. Select *Path1* and click the **Play** button.



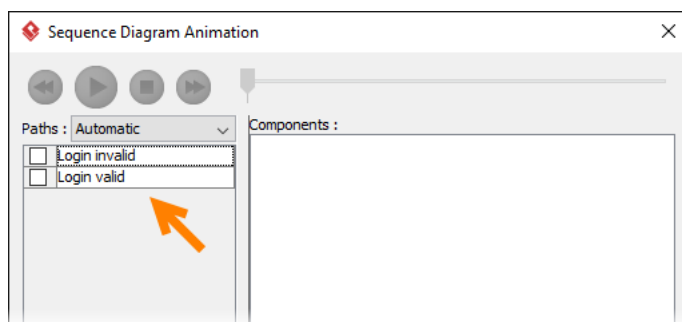
8. Watch the animation on the diagram. A tiny black ball will walk through the chosen path.



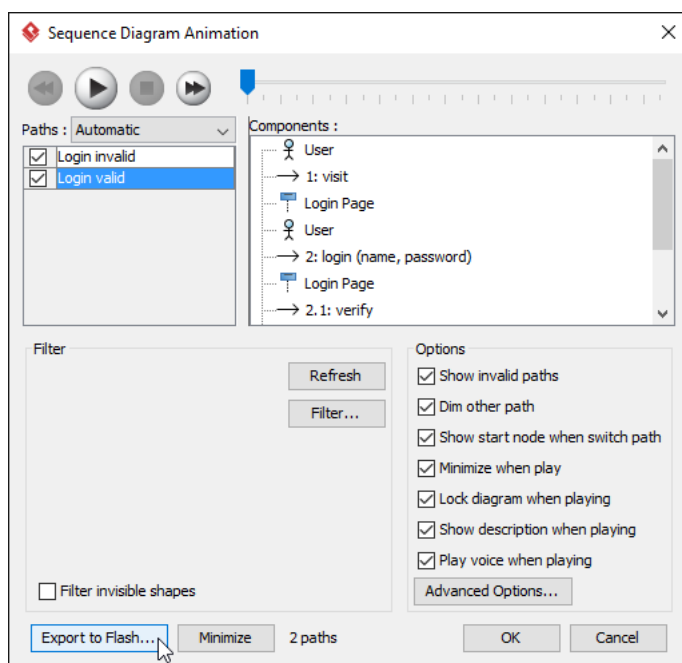
9. Click the **Show Dialog** button at the bottom-right corner.



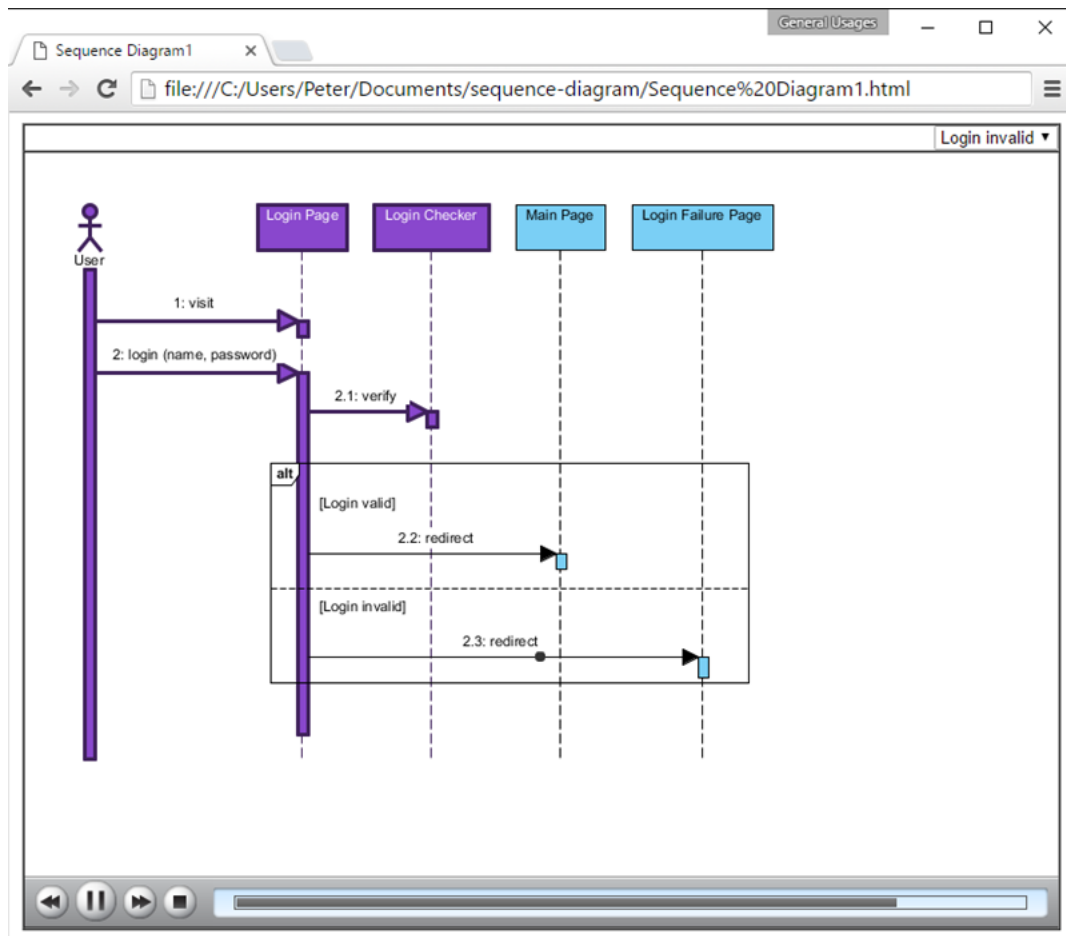
- Now, let's export the paths to an Adobe Flash movie. Before doing this, rename the paths for better understanding. Double-click on *Path1* and rename it to *Login valid*. Rename *Path2* to *Login invalid*.



- Check the paths and click **Export to Flash...** at the bottom-left corner.



12. In the **Export to Flash** dialog box, specify an output path and click **Export**. Watch the exported animation in a Web browser.



Resources

1. [Login.vpp](#)



Visual Paradigm home page
(<https://www.visual-paradigm.com/>)

Visual Paradigm tutorials
(<https://www.visual-paradigm.com/tutorials/>)