JavaFX can work with CSS, we may want to make any tool appears or disappears when an user click a button. A normal website project using HTML and CSS can help with that, yet using CSS in JavaFX doesn’t help in that case since it doesn't directly support the display: none property like web CSS does. However, you can achieve a similar effect by manipulating the visibility and manageability of nodes within your application. \*

A screenshot of a computer

AI-generated content may be incorrect.

To make a node appear: .setVisible(true);

To make a node disappear: .setVisible(false);

To check if a node is visible: .isVisible();

Ex:

**package** application;

**import** javafx.application.Application;

**import** javafx.scene.Scene;

**import** javafx.scene.control.Label;

**import** javafx.scene.control.Button;

**import** javafx.scene.layout.StackPane;

**import** javafx.scene.paint.Color;

**import** javafx.scene.shape.Rectangle;

**import** javafx.scene.layout.VBox;

**import** javafx.stage.Stage;

**public** **class** **Main** **extends** Application {

**@Override**

**public** **void** **start**(**Stage** primaryStage) {

// Create nodes

**Rectangle** **rectangle** = **new** **Rectangle**(**200**, **100**);

rectangle.**setFill**(**Color**.**LIGHTBLUE**);

**Label** **label** = **new** **Label**(**"Hello, StackPane!"**);

**Rectangle** **rectangle2** = **new** **Rectangle**(**200**, **100**);

rectangle2.**setFill**(**Color**.**GREEN**);

**Button** **button1** = **new** **Button**(**"Display or Hide label Button"**);

button1.**setOnAction**(**e**->{

**if**(label.**isVisible**()) {

label.**setVisible**(**false**);

}**else** {

label.**setVisible**(**true**);

}

});

**VBox** **vbox1** = **new** **VBox**(rectangle,label,rectangle2, button1);

// Create the Scene

**Scene** **scene** = **new** **Scene**(vbox1, **300**, **200**);

primaryStage.**setTitle**(**"StackPane Example"**);

primaryStage.**setScene**(scene);

primaryStage.**show**();

}

**public** **static** **void** **main**(**String**[] args) {

***launch***(args);

}

}

A screenshot of a computer

AI-generated content may be incorrect.

If I click the Display or Hide lable Button=>

A screenshot of a computer

AI-generated content may be incorrect.

If I click that button again =>

A screenshot of a computer

AI-generated content may be incorrect.

In the example above, although the label disappear, the space that holds it still appears in VBox, to remove that space, follow the example below:

**package** application;

**import** javafx.application.Application;

**import** javafx.scene.Scene;

**import** javafx.scene.control.Label;

**import** javafx.scene.control.Button;

**import** javafx.scene.layout.StackPane;

**import** javafx.scene.paint.Color;

**import** javafx.scene.shape.Rectangle;

**import** javafx.scene.layout.VBox;

**import** javafx.stage.Stage;

**public** **class** **Main** **extends** Application {

**@Override**

**public** **void** **start**(**Stage** primaryStage) {

// Create nodes

**Rectangle** **rectangle** = **new** **Rectangle**(**200**, **100**);

rectangle.**setFill**(**Color**.**LIGHTBLUE**);

**Label** **label** = **new** **Label**(**"Hello, StackPane!"**);

**Rectangle** **rectangle2** = **new** **Rectangle**(**200**, **100**);

rectangle2.**setFill**(**Color**.**GREEN**);

**Button** **button1** = **new** **Button**(**"Display or Hide label Button"**);

**VBox** **vbox1** = **new** **VBox**(rectangle,label,rectangle2, button1);

button1.**setOnAction**(**e**->{

**if**(label.**isVisible**()) {

label.**setVisible**(**false**);

vbox1.**getChildren**().**remove**(label);

}**else** {

label.**setVisible**(**true**);

vbox1.**getChildren**().**add**(**1**,label);

}

});

// Create the Scene

**Scene** **scene** = **new** **Scene**(vbox1, **300**, **200**);

primaryStage.**setTitle**(**"StackPane Example"**);

primaryStage.**setScene**(scene);

primaryStage.**show**();

}

**public** **static** **void** **main**(**String**[] args) {

***launch***(args);

}

}

A screenshot of a computer

AI-generated content may be incorrect.

Click the button

A screen shot of a computer

AI-generated content may be incorrect.

Click the button again

A screenshot of a computer screen

AI-generated content may be incorrect.

**\*To make a node appear to the front or back of other nodes, please use StackPane and its features\***