**Demonstrate how Sikuli is used for UI testing in Selenium.**

**Installation**

We create a maven project with artifact as maven-archytpe-quicstart.

To install sikuli we add the sikulixapi dependency in pom.xml from maven repository.

We can perform different operations using siukuli.

Click, doubleclick, type, hover,find.

Sikuli acts as an image recognition.

Patterns in sikuli are like

Normal pattern, similar pattern, exact pattern

We need to take a screenshot of the element which we want to perform operations on

We save the image and use sikuli class to perform an action.

{

Screen s = new Screen();

Pattern p = new Pattern(“path of the image”);

//the operations are as follows:

s.Click(p);

s.doubleClick(p);

s.hover(p);

s.type(p,”text”);

s.find(p);

}