

ServiceNow Application Developer

Client-side Scripting > UI Policy Scripts

UI Policy scripts use the client-side API to execute script logic based on whether the UI Policy condition tests true or false. Use UI Policy scripts to create complex conditional checks or to take actions other than setting field attributes (mandatory, read-only, or visible).

The scripting fields for UI Policies are only visible in the *Advanced* view. To enable the scripting fields, select the *Run scripts* option.

- The *Execute if true* script executes when the UI Policy condition tests *true*.
- The *Execute if false* script executes when the UI Policy condition tests *false*.

Developers can write scripts in one or both script fields depending on the application requirements.

Write script logic inside the *onCondition* function which is automatically inserted in the scripting fields. The *onCondition()* function is called by the UI Policy at runtime.

The screenshot displays the 'Script' tab of a UI Policy configuration. At the top, there are two tabs: 'When to Apply' and 'Script'. Below the tabs, the 'Run scripts' checkbox is checked. The 'Run scripts in UI type' dropdown is set to 'Desktop'. There are two script fields: 'Execute if true' and 'Execute if false'. Each field has a toolbar with icons for various actions. The 'Execute if true' script contains the following code:

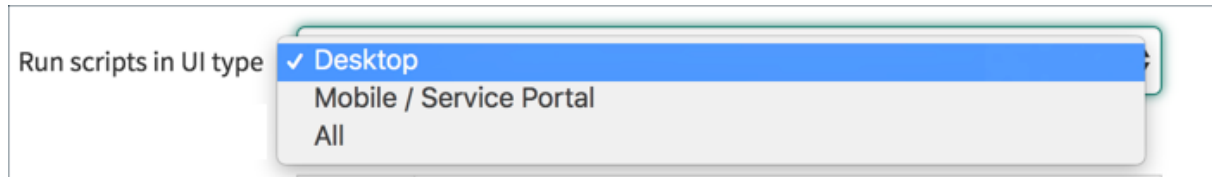
```
1 function onCondition() {  
2   alert("The Condition tested true");  
3 }
```

The 'Execute if false' script contains the following code:

```
1 function onCondition() {  
2   alert("The Condition tested false");  
3 }
```

IMPORTANT: The *Reverse if false* option must be selected for the *Execute if false* script to run.

Although UI Policy Actions execute on all platforms, UI Policy Scripts execute on Desktop/tablet only in the default case. Use the *Run scripts in UI type* field to select the platforms for the UI Policy scripts.



The image shows a screenshot of a web interface. On the left, there is a label 'Run scripts in UI type'. To its right is a dropdown menu that is currently open. The dropdown menu has a blue header bar with a white checkmark and the text 'Desktop'. Below the header, there are two more options: 'Mobile / Service Portal' and 'All', both in black text. The dropdown menu has a light gray background and a subtle shadow.

Run scripts in UI type
✓ Desktop
Mobile / Service Portal
All