

# Actions Tech. Note 10

## Draft 1.0

### Disclosure Triangles

Freeway 3.1 introduced the disclosure triangles as a new Interface element. This may be added to your Freeway Actions using the new `<action-disclosure>` tag. So the following action:

```
<page-action name="Disclosure Test">
<action-disclosure name ="Show"/>
</page-action>
```

Will result in a disclosure triangle being added to the interface.



The behaviour of the disclosure triangle is based on the existing `<action-checkbox>` tag. So you can use the default attribute to set it's initial (default) value. The following disclosure triangle will be in the closed position when the Action is first applied.

```
<action-disclosure name ="Show" default="No" />
```

The disclosure triangle does not inherently show or hide any interface elements. If you want to show or hide interface elements you will have to put the relevant code into a `fwInterface` function.

The following action will show or hide a couple of text parameters according to the status of the disclosure triangle.

```
<page-action name="Disclosure Test">
<action-disclosure name ="Show" default="No" />
<action-text name ="Param 1"/>
<action-text name ="Param 2"/>

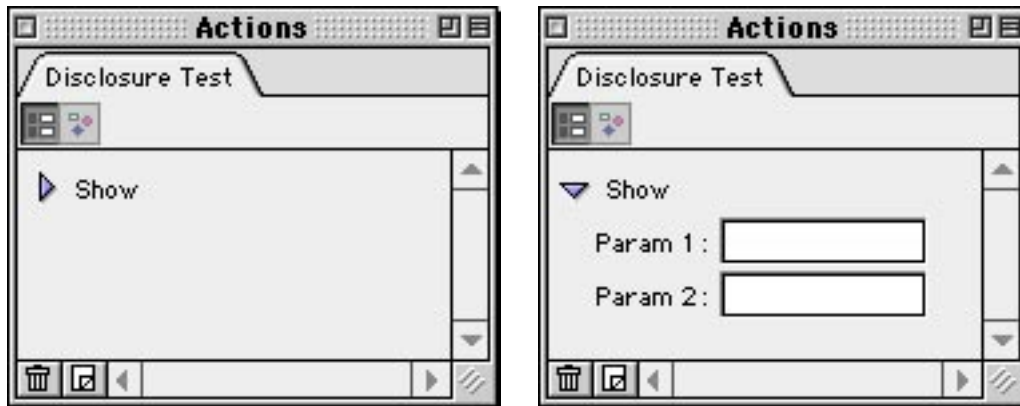
<action-javascript>

function fwInterface()
{
    var show = fwParameters["Show"].fwBoolValue;
    fwParameters["Param 1"].fwVisible = show;
    fwParameters["Param 2"].fwVisible = show;
}
```

```
</action-javascript>
```

```
</page-action>
```

This will give an interface with the following states:



If you are using disclosure triangles in your Freeway Actions you might consider adding the following function to your Freeway Action.

```
function Disclose(discParam)
// show/hide all the parameters listed after "discParam"
{
    var show=fwParameters[discParam].fwBoolValue;
    for (var i= 1 ; i < arguments.length ; i++)
        fwParameters[arguments[i]].fwVisible=show;

    return show;
}
```

This function takes a variable number of parameters. The first is the name of the disclosure triangle, all the subsequent parameters refer to the parameters that should be handled by the disclosure triangle. It can make handling disclosure triangles a little simpler. Consider the example below with two disclosure triangles.

```
<page-action name="Disclosure Test">
<action-disclosure name ="Food" default="No" />
<action-text name ="Eggs"/>
<action-text name ="Beans"/>
<action-text name ="Chips"/>
<action-disclosure name ="Music" default="No" />
<action-text name ="Mozart"/>
<action-text name ="Handel"/>
<action-text name ="Hendrix"/>

<action-javascript>

function Disclose(discParam)
// show/hide all the parameters listed after "discParam"
{
    var show=fwParameters[discParam].fwBoolValue;
    for (var i= 1 ; i < arguments.length ; i++)
        fwParameters[arguments[i]].fwVisible=show;

    return show;
}
```

```
function fwInterface()
{
  Disclose("Food", "Eggs","Beans","Chips");
  Disclose("Music", "Mozart","Handel","Hendrix");
}
```

</action-javascript>

</page-action>

This will give an interface with the following states:

