

# Actions Tech. Note 15

## Draft 1.1

### <action-library>

Freeway 3.1 introduced mechanism for actions to share mark-up. This is through the use of <action-library>. Mark-up that is written within a library-action can be shared by all actions that are created within the same file after the <action-library> declaration. This is particularly useful if you write a suite of actions that have common JavaScript.

The format of the library action is essentially a cut-down version of the action. The library has a name that identifies it, after which all mark-up declarations are permitted.

For Example:

```
<action-library name="GustavLib">
<action-javascript>

function HuntGustav(name)
{
  if (name == "Gustav")
    alert("Yo Gustav, you owe me five pounds.");
  else
    alert("Hello ", name, " do you know where I can find Gustav.");
}

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

An action that requires this mark-up, in this case a the JavaScript function HuntGustav, simply includes the library action using an <action-include> tag, and naming the library that it wishes to include.

For example:

```
<item-action name="Test">
<action-include name="GustavLib">
<action-button name="Hunt" onclick= "Hunt()">
<action-javascript>

function Hunt()
{
  var name = prompt("What is your name", "Bongo Mc Zip-Lock");
  HuntGustav(name);
}

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