

Customising a Guarana UI checkbox

This code example demonstrates how to customise a Guarana UI checkbox.

Overview

This snippet assumes that you are familiar with adding the checkbox component on a web page. For more information about this, read the snippet [Adding a Guarana UI checkbox on a web page](#). You can download the component library from [Guarana UI: a jQuery-Based UI Library for Nokia WRT](#).

To replace the checkbox with your own version, first create the graphics that you want to use. After that, replace the file `themes/nokia/base/images/checkbox.png` with your own image file. The original image file contains pictures of the checkbox in four different states: checked and not pushed, checked and pushed, unchecked and not pushed, and unchecked and pushed:



To switch between these states when the checkbox is clicked, adjust the background picture with CSS classes as shown here:

```
.nokia-checkbox-unchecked {  
    background-position: 0 -74px;  
}
```

This means that you must customise the CSS file `themes/nokia/base/images/checkbox.css` so that it corresponds to your own image file. For example, if you have created this file:



where the checkbox icon is 34 x 34 pixels, and there are only two states (checked and unchecked) represented, then the customised CSS classes would look like this:

```
.nokia-checkbox-icon {  
    background-image: url(images/checkbox.png);  
    height: 34px;  
    width: 34px;  
    float: left;  
}  
  
.nokia-checkbox-checked {  
    background-position: 0px 0;  
}  
  
.nokia-checkbox-unchecked {  
    background-position: 0 -34px;  
}  
  
.nokia-checkbox-pushed .nokia-checkbox-checked {  
    background-position: 0 0px;  
}  
  
.nokia-checkbox-pushed .nokia-checkbox-unchecked {  
    background-position: 0 -34px;
```

}

Postconditions

The default graphics of a checkbox component are replaced with your own graphics and the necessary changes are made to the CSS file.

See also

- [Adding a Guarana UI checkbox on a web page](#)

Supplementary material

This code snippet is part of the stub concept, which means that it has been patched on top of a template application in order to be more useful for developers. The version of the WRT stub application used as a template in this snippet is v1.2.

- The patched, executable application that can be used to test the features described in this snippet is available for download at [Media:customizing a guarana ui checkbox.zip](#).
- You can view all the changes that are required to implement the above-mentioned features (compared to the [Adding a Guarana UI checkbox on a web page](#) snippet). The changes are provided in unified diff and colour-coded diff (HTML) formats in [Media:customizing a guarana ui checkbox.diff.zip](#).
- For general information on applying the patch, see [Using Diffs](#).
- For unpatched stub applications, see [Example app stubs with logging framework](#).