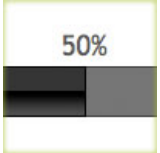
Adding a Guarana UI progress bar on a web page

Overview

This code snippet demonstrates how to add a progress bar on a web page using Guarana UI components. The progress bar component looks like this:



You can download the component library from Nokia Developer.

Source: Relevant HTML components

```
<head>
    <!-- Guarana UI style sheets -->
    <link rel="stylesheet"
        href="style/themes/themeroller/default-theme/ui.all.css"
        type="text/css" media="screen">

    <!-- Guarana UI scripts -->
    <script type="text/javascript" src="lib/jquery/jquery.js"
        charset="utf-8"></script>
    <script type="text/javascript" src="lib/guarana/defaults.js"
        charset="utf-8"></script>
    <script type="text/javascript" src="lib/guarana/core.js"
        charset="utf-8"></script>
</head>
<body>
    <div id="bodyContent" class="bodyContent">
        <div id="progressBar"></div>
    </div>
</body>
```

Source: JavaScript

```
Nokia.use("progressbar", init);

// Initializes the widget
function init() {
    window.progressBar = new Nokia.ProgressBar({
        element: "#progressBar",
        value: 30,
        label: true,
        complete: function(value) {
            displayNote("Complete!");
        }
    });
}
```

The `value` attribute specifies the initial value of the progress bar. If the `label` attribute is set to `true`, the value of the progress bar is displayed above the bar. The `complete` attribute defines a function which is called when the progress bar reaches the value of 100 %.

(C) Copyright Nokia 2014. All rights reserved.

To get and set the value of the progress bar, call the `getValue()` and `setValue()` functions, respectively:

```
// Executes the snippet.
// Adds the value of the progress bar by 20 % until the value is 100 %.
function executeSnippet() {
    var newValue = window.progressBar.getValue() + 20;
    if (newValue > 100) {
        newValue = 100;
    }
    window.progressBar.setValue(newValue);
}
```

Note: The scroll component requires the following files from the library:

- `lib/jquery/jquery.js`
- `src/core.js`
- `src/defaults.js`
- `src/dom.js` (implicitly loaded by `core.js`)
- `src/util.js` (implicitly loaded by `core.js`)
- `src/device.js` (implicitly loaded by `core.js`)
- `src/animation.js` (implicitly loaded by `core.js`)
- `src/widget.js` (implicitly loaded by `core.js`)
- `src/progressbar.js` (implicitly loaded by `core.js`)
- `themes/nokia/base/base.css` (implicitly loaded by `core.js`)
- `themes/nokia/base/progressbar.css` (implicitly loaded by `core.js`)
- `themes/nokia/base/images/shadow.png` (from `base.css`)
- `themes/nokia/base/images/shadow-c.png` (from `base.css`)
- `themes/nokia/base/images/shadow-lr.png` (from `base.css`)
- `themes/themeroller/default-theme/ui.accordion.css`
- `themes/themeroller/default-theme/ui.all.css`
- `themes/themeroller/default-theme/ui.base.css`
- `themes/themeroller/default-theme/ui.core.css`
- `themes/themeroller/default-theme/ui.theme.css`
- `themes/themeroller/default-theme/images/ui-bg_diagonals-thick_10_444444_40x40.png` (from `ui.theme.css`)
- `themes/themeroller/default-theme/images/ui-bg_flat_0_000000_40x100.png` (from `ui.theme.css`)
- `themes/themeroller/default-theme/images/ui-bg_glass_20_9f1504_640x400.png` (from `ui.theme.css`)
- `themes/themeroller/default-theme/images/ui-bg_glass_40_8ab61c_640x400.png` (from `ui.theme.css`)
- `themes/themeroller/default-theme/images/ui-bg_glass_55_8ab61c_640x400.png` (from `ui.theme.css`)
- `themes/themeroller/default-theme/images/ui-bg_glass_100_c2cba5_640x400.png` (from `ui.theme.css`)
- `themes/themeroller/default-theme/images/ui-bg_highlight-hard_80_ededed_640x100.png` (from `ui.theme.css`)
- `themes/themeroller/default-theme/images/ui-bg_highlight-soft_100_ededed_640x100.png` (from `ui.theme.css`)
- `themes/themeroller/default-theme/images/ui-icons_89bf43_256x240.png` (from `ui.theme.css`)
- `themes/themeroller/default-theme/images/ui-icons_97B72B_256x240.png` (from `ui.theme.css`)
- `themes/themeroller/default-theme/images/ui-icons_222222_256x240.png` (from `ui.theme.css`)
- `themes/themeroller/default-theme/images/ui-icons_e3bfb5_256x240.png` (from `ui.theme.css`)
- `themes/themeroller/default-theme/images/ui-icons_ffffff_256x240.png` (from `ui.theme.css`)

Postconditions

A Guarana UI progress bar is added on the web page. When **Options** > **Execute snippet** is selected, the value of the progress bar is increased in increments of 20 % until it is 100 %, after which the function specified by the `complete` attribute is called.

(C) Copyright Nokia 2014. All rights reserved.

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:adding a guarana ui progress bar.zip.
- You can view all the changes that are required to implement the above-mentioned features. The changes are provided in unified diff and colour-coded diff (HTML) formats in Media:adding a guarana ui progress bar.diff.zip.
- For general information on applying the patch, see Using Diffs.
- For unpatched stub applications, see Example stub.

(C) Copyright Nokia 2014. All rights reserved.