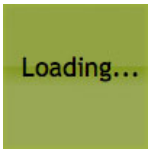
Adding a Guarana UI busy indicator on a web page

Overview

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



You can download the component library from Guarana UI: a jQuery-Based UI Library for Nokia WRT.

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="busyIndicatorContainer"></div>
    </div>
</body>
```

Source: Relevant CSS declarations

```
#busyIndicatorContainer {
    position: absolute;
    top: 50%;
    left: 50%;
    width: 0;
    height: 0;
}
```

Source: JavaScript

```
// Initializes the widget
function init() {
    createMenu();

    window.busyIndicator = new Nokia.Busy({
        element: "#busyIndicatorContainer",
        autoOpen: false
    });
}

// Executes the snippet.
// Shows the busy indicator and hides it after 2 seconds.
function executeSnippet() {
    window.busyIndicator.show();
    setTimeout(function() {
        window.busyIndicator.hide();
    }, 2000);
}
```

The `executeSnippet()` function above shows the busy indicator (the `show()` method) and hides it after 2 seconds (the `hide()` method).

Note: The busy indicator 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/busy.js (implicitly loaded by core.js)

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- themes/nokia/base/base.css (implicitly loaded by core.js)
- themes/nokia/base/busy.css (implicitly loaded by core.js)
- themes/nokia/base/images/busyindicator.gif (from busy.css)
- 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 busy indicator is shown on the web page and hidden after 2 seconds.

See also

- Customising a Guarana UI busy indicator

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 busy.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 busy.diff.zip.
- For general information on applying the patch, see Using Diffs.
- For unpatched stub applications, see Example app stubs with logging framework.

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