



# Manual Bootstrap & Themebuilder

## **WECO E-Commerce™ Sales&Service**






**SAP® Certified**  
Powered by SAP NetWeaver®

**SAP® Certified**  
Integration with Applications on SAP HANA®

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## Icons

Icon	Description
	Caution
	Example
	Advise
	Source Code
	Tipp

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## Introduction

This documentation describes the functionality and usage of WECO Bootstrap and Themebuilder in WECO E-Commerce, module Sales&Service.

## Bootstrap

WECO Bootstrap is the foundation for the web appearance of WECO E-Commerce Sales&Service. The objective is to offer a coherent appearance for all WECO E-Commerce Sales&Service functionality on the web. As a result, the user is provided with a harmonious UI on all devices and on the other side, it is easier for developers to make adjustments with help of predefined design and layout components.

Technically, WECO Bootstrap consists of a stylesheet (CSS), JavaScripts and fonts. All CSS and JavaScript features are well documented and come with a sample code which you can use in your custom implementation project as template. WECO Bootstrap and Themebuilder are available as an online service on <http://bootstrap.wecosoftware.com>.

### ADVISE

To access the Bootstrap documentation and Themebuilder, please enter the WECO web package code on the welcome site. You can find this code in the installation files of you WECO E-Commerce 700 release.

## Stylesheet Adjustments

The stylesheet has been developed with SCSS (Sassy CSS), allowing a modular development of individual CSS components. If you would like to make only a few UI adjustments, please add them to the **custom.css** stylesheet file. This stylesheet is loaded immediately after the WECO stylesheet. With this technique it is easy to override default CSS rules. Keeping a strict differentiation of both stylesheets allows easy updates in the future.

Optionally, you can export your theme folder from SAP MIME repository to your local PC and update individual SCSS files. The main SCSS file for the SCSS preprocessor is called stylesheet.scss. After processing, you have to import the generated stylesheet.css file into the SAP MIME repository again.

## Themebuilder

Using WECO Themebuilder it is very easy to adapt the design of your shop to your corporate design without any implementation. The WECO Themebuilder is also available on <http://bootstrap.wecosoftware.com>.

### ADVISE

All of your changes in the Themebuilder are stored in your local browser session. If you delete your cookies, you will lose your changes. However, if you download your theme, the generated stylesheet contains a restore link. This link allows you to continue customizing your theme at any time.

The following image provides you an overview on Themebuilder's most important features:

The screenshot displays the WECO Themebuilder interface. At the top, there is a navigation bar with 'Home' and 'WECO' links. Below this is the WECO logo and 'Software GmbH'. A secondary navigation bar contains 'Home', 'CSS', 'Javascript', 'Theme Builder', and 'Change Log'. The main content area is divided into several sections: 'General' (Default font and border colors), 'Header' (See topmenu on this page), 'Main Menu' (Catalogs, Basket), 'Popup (Colorbox)' (Shipping Address), 'Headings', and 'Texts' (Example text). A 'Change colors' popup is open over the 'Main Menu' section, showing color pickers for 'Mainmenu Basket Background', 'Mainmenu Basket Background Hover', 'Mainmenu Basket Text', 'Mainmenu Basket Icon', and 'Mainmenu Basket Icon Hover'. The popup includes 'CHANGE COLORS' and 'RESET COLORS' buttons. On the right sidebar, there are sections for 'How To' (instructions 1-3), 'Download Theme' (with 'Minify CSS' checkbox and 'DOWNLOAD' button), 'Shop Preview' (with 'WECO B2B Demo Shop' link), and 'Reset All' (with 'RESET' button). Red boxes and numbers 1-7 highlight key features: 1 (pen icon), 2 (popup), 3 (Change Colors button), 4 (Reset Colors button), 5 (Download Theme button), 6 (Shop Preview link), and 7 (Reset All button).

### Overview WECO Themebuilder

Clicking on the pen icon (1) opens a popup (2) in which you can customize the selected component. With the button 'Change Colors' (3) you apply the changes, 'Reset Colors' (4) resets the changes of the current component to WECO default template settings.

In the sidebar you can download your customized theme (5). The option 'Minify CSS' minifies the generated stylesheet before download. To use the downloaded stylesheet in your shop, you have to import it to your SAP MIME repository theme directory and overwrite the existing stylesheet.

### TIPP

The generated stylesheet contains a comment with a restore link. This link allows you to continue editing your theme at any time, without the need to apply all changes again.

Further it is possible to get a live preview of the WECO demo shops with your customized theme (6). If you would like to reset all changes to WECO default settings, use button 'Reset' (7).

## Font-Icons

In WECO Bootstrap all icons are implemented as font icons. This means, all icons you see in the web browser are not images (like .png, .gif), instead they originate from a typeface (font).

This technique has the huge benefit that the font is generated of SVG icons and therefore the icons are available in any size (scalable), high-definition on all devices, without any data overload. Moreover these icons can be styled like conventional fonts by means of CSS. Consequently you can adjust the whole design to your needs in very short time.

## ADVISE

Icons are included using the HTML `<i/>` tag and the class attribute (see Bootstrap → CSS → Icons)

## Add New Icons / Change Icons

As previously mentioned, you need the new icon as a SVG graphic file. The following steps describe all necessary activities to add new font icons to your stylesheet.

First you have to export all of the existing SVG Icons from the SAP MIME repository to your local PC. You can use the SAP report BSP\_UPDATE\_MIMEREPOS. As MIME repository path set the path to the SVG files.

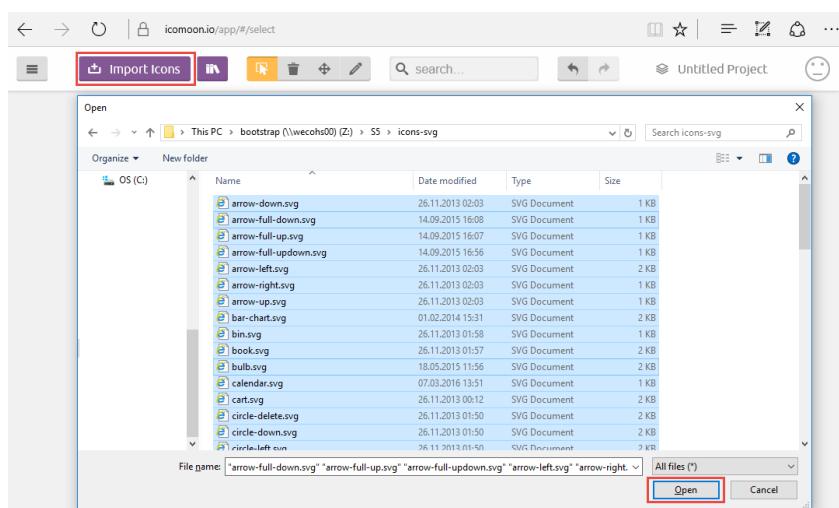
## EXAMPLE

MIME repository path: /SAP/BC/BSP/WECO/W\_SHP1/S5/icons-svg

After you have exported all SVG icons to your local PC, add the new icon(s) to the icons you have just exported.

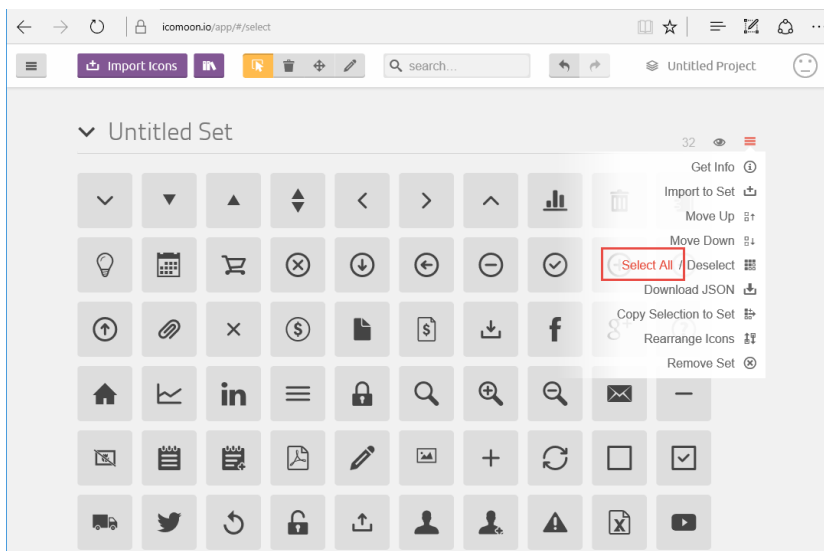
In order to create a font out of the SVG files, you can use the free web application IcoMoon (<https://icomoon.io/app>). If you already have another tool for creating fonts, you can use it as well. IcoMoon allows you to upload SVG icons, optionally modify them, and generating font files.

First of all you have to upload your SVG files:



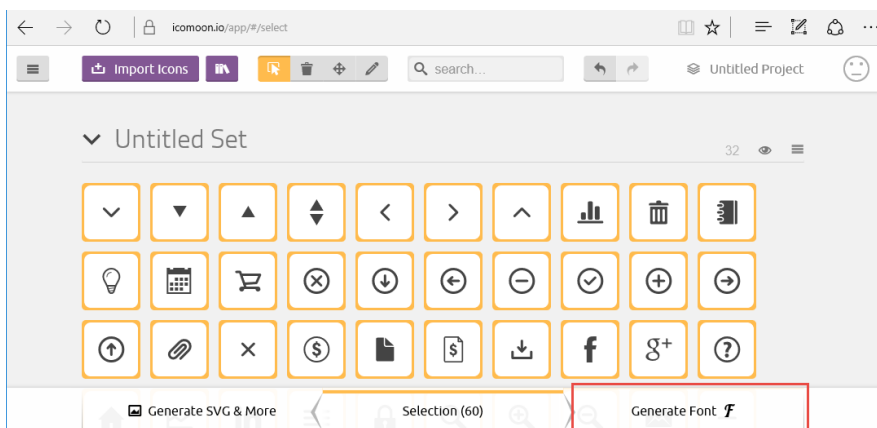
IcoMoon: Import icon SVG files

Then select all icons with ,Select All':



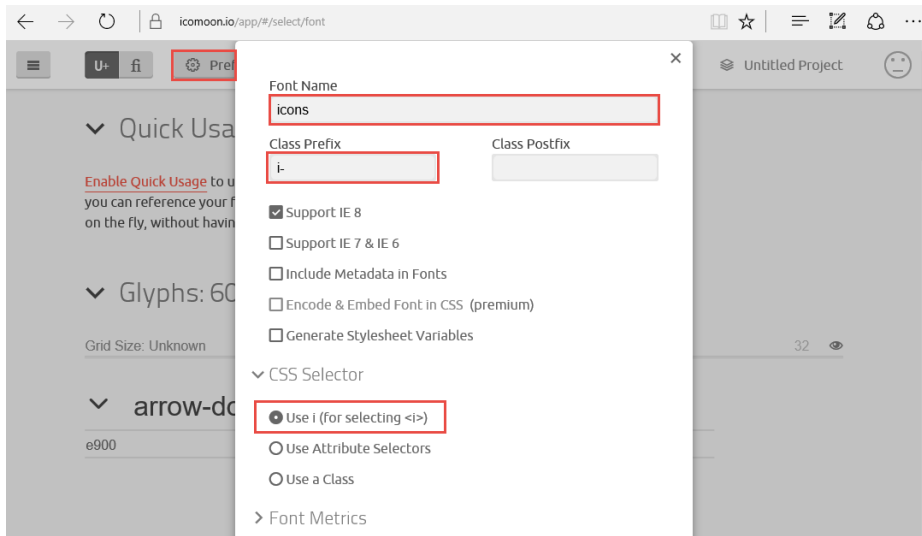
*IcoMoon: Select icons to generate*

Next press button ,Generate Font'.



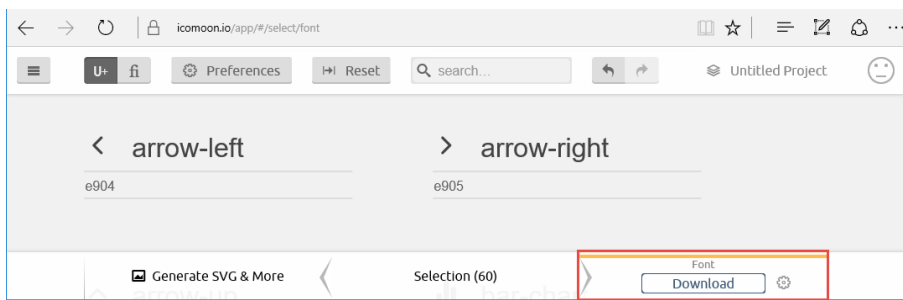
*IcoMoon: Generate Font*

You get to the next screen. Now use the button ,Preferences' at the top to open the preferences popup and set the values as following:



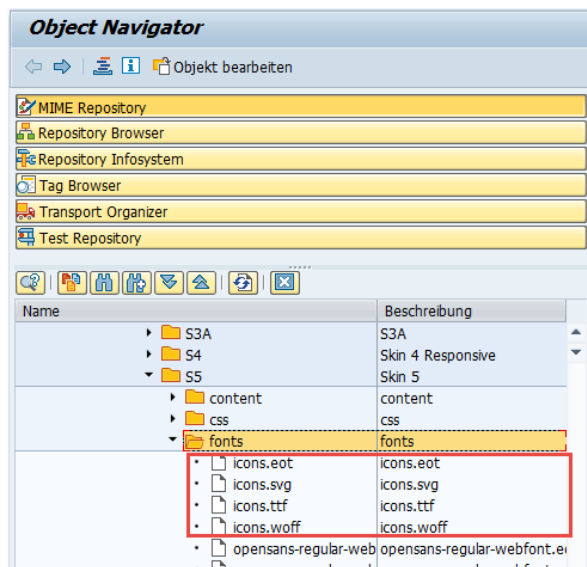
IcoMoon: Edit settings

Finally you can download the font:



IcoMoon: Download icon font

Unzip the downloaded ZIP file and replace the current font files in SAP MIME repository with the new ones:



Replace SAP MIME repository icon font files



Next step is to update the CSS rules. Therefore open the file style.css of the extracted ZIP file. Copy all CSS rules which start with 'i-xxxx' to the clipboard:

```

22  /* Better Font Rendering ===== */
23  -webkit-font-smoothing: antialiased;
24  -moz-osx-font-smoothing: grayscale;
25  }
26
27  .i-arrow-down:before {
28    content: "\e900";
29  }
30  .i-arrow-full-down:before {
31    content: "\e901";
32  }
33  .i-arrow-full-up:before {
34    content: "\e902";
35  }
36  .i-arrow-full-updown:before {
37    content: "\e903";
38  }
39  .i-arrow-left:before {
40    content: "\e904";
41  }
42  .i-arrow-right:before {
43    content: "\e905";
44  }
45  .i-arrow-up:before {
46    content: "\e906";
47  }
48  .i-bar-chart:before {
49    content: "\e907";
50  }

```

Copy CSS rules in file style.css

Open the file stylesheet.css in your SAP MIME repository. Search and select all CSS rules which start with 'i-xxxx'. You can find them all together at one position, starting and ending with a comment:

```

286  font-weight: normal;
287  font-style: normal;
288  }
289  /* BEGIN FONT ICONS */
290  .weco-css .i-arrow-down:before {
291    content: "\e900";
292  }
293  .weco-css .i-arrow-full-down:before {
294    content: "\e901";
295  }
296  .weco-css .i-arrow-full-left:before {
297    content: "\e902";
298  }
299  ...
300  ...
301  .weco-css .i-user-add:before {
302    content: "\e93a";
303  }
304  .weco-css .i-warning:before {
305    content: "\e93b";
306  }
307  .weco-css .i-xls:before {
308    content: "\e93c";
309  }
310  .weco-css .i-youtube:before {
311    content: "\e93d";
312  }
313  .weco-css .i-book:before {
314    content: "\e93e";
315  }
316  /* END FONT ICONS */

```

Replace CSS rules of file stylesheet.css



You have to add prefix class .weco-css at the beginning of each rule!

To keep your SVG icons files consistent, you can import the new SVG icon files into the SAP MIME repository.



If the new icons are not shown correctly in the browser, please empty your cache and restart your browser.