
gs.content.css Documentation

Release 2.5.0

GroupServer.org

Sep 27, 2017

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CHAPTER 1

Layout

The CSS layout is based on a 16px typeface on a 20px line, with all measurements specified in ems. Below is a table that can be used to convert between units, pixels and ems. (All measurements should be multiples of half-units).

Units	px	em	Without Border Width (in em)		
			Thin (1px)	Medium (3px)	Thick (6px)
0.5	10	0.625	0.562	0.438	0.250
1.0	20	1.250	1.188	1.062	0.875
1.5	30	1.875	1.812	1.688	1.500
2.0	40	2.500	2.438	2.312	2.125
2.5	50	3.125	3.062	2.938	2.750
3.0	60	3.750	3.688	3.562	3.375
3.5	70	4.375	4.312	4.188	4.000
4.0	80	5.000	4.938	4.812	4.625
4.5	90	5.625	5.562	5.438	5.250
5.0	100	6.250	6.188	6.062	5.875
5.5	110	6.875	6.812	6.688	6.500
6.0	120	7.500	7.438	7.312	7.125
6.5	130	8.125	8.062	7.938	7.750
7.0	140	8.750	8.688	8.562	8.375
7.5	150	9.375	9.312	9.188	9.000
8.0	160	10.000	9.938	9.812	9.625
8.5	170	10.625	10.562	10.438	10.250
9.0	180	11.250	11.188	11.062	10.875
9.5	190	11.875	11.812	11.688	11.500
10.0	200	12.500	12.438	12.312	12.125

For values above 10u use the following formula:

$$\text{em} = \frac{u \times 20.0}{16.0}$$

The only complication are borders. They can throw out the rhythm, so must be taken off the margin or padding. The

last three columns in the above table have the border widths taken out. For values above 6u take away one of the following three values:

Size	px	em
Thin	1	0.063
Medium	3	0.188
Thick	6	0.375

CHAPTER 2

Icons

An glyph-font is supplied by this product to provide the icons that are used in the interfaces, as *detailed below*. Two patterns from [CSS Tricks](#) are used to display the icons:

1. *Enhance a word*, and
2. *Standalone icons*.

The latter is used to display the *Loading* animation.

Icon details

Below are the details of the 22 icons provided by `gs.content.css`. Where possible the glyphs are mapped onto standard Unicode code points, with the XML character entity given in the *Character* column. Using Unicode code-points allows them to look *vaguely* right when typefaces other than the glyph-font are being used. The non-standard icons are placed at the start of the private-use area.

Icon	Character	Std?	Note
Breadcrumb trail			
Home	⌂	Yes	A house
Separator		No	A right-pointing chevron
Navigation			
Left/Prev	◃	Yes	Replaces “small left-triangle”
Up	⬆	Yes	Replaces bold up arrow
Right/Next	▹	Yes	Replaces “small right-triangle”
Web feed		No	The RSS or ATOM symbol
Settings	⚙	Yes	A cog
Lock	🔒	Yes	Sign in
Actions			
Share		No	Arrow pointing out of a box
Reply	➦	Yes	Arrow curving right (redo)
Continued on next page			

Table 2.1 – continued from previous page

Icon	Character	Std?	Note
Delete	🗑	Yes	Wastebasket (rubbish, trash)
Search	🔍	Yes	Magnifying glass
Install		No	Arrow pointing to a disk drive
True icons			
Picture	🎨	Yes	Replaces “artist palette”
Movie	🎦	Yes	Replaces “movie projector”
Sound	🔉	Yes	Speaker
Documents	🗍	Yes	Replaces “empty pages”
Archive		No	For zip and tar files
Attach	📎	Yes	Paperclip (attachments exist)
Email	✉	Yes	An envelope
Pin	📌	Yes	For <i>sticky</i> topics
Linux		No	Tux, for <groupserver.org>
Groupserver		No	“GS”, for <groupserver.org>
Social-media services			
Facebook	f	No	The f character
Google Plus	g	No	The g character
Twitter	t	No	The t character
Devices			
Mobile		No	A cell-phone
Tablet		No	
Laptop		No	
Desktop		No	A monitor, or screen
Text editing			
Bold		No	A bold B
Italic		No	A italic <i>I</i>
Superscript		No	x^2
Subscript		No	x_2
Unlink		No	A broken chain
Link		No	A chain
ul		No	Unordered list icon
ol		No	Ordered list icon
Indent		No	Indent list left
Outdent		No	Indent list right
Code		No	</>
Table		No	
Paste		No	A page and clipboard
Undo	⎌	Yes	
Redo		No	
Activity			
spinner		No	Animated (see <i>Loading</i> below)

Enhance a word

Two data attributes can be used to add icons in order to enhance a word.

```
<button data-icon="&#x25c3;">Newer</button>
<button data-icon-after="&#x25b9;">Older</button>
```

The first attribute is `data-icon`. It takes the character to display (a left arrow in the above example) as its argument. That character is displayed before the text within the element. By using the `data-icon` attribute screen-readers do not “speak” the icon, and older browsers degrade gracefully.

The second example above shows the `data-icon-after` attribute. It displays the icon after the text within the element; it is mostly used for *Next* buttons.

Standalone icons

Standalone icons need additional markup so screen-readers can “read” what the icon is, while visual browsers see the glyph. For example, the following displays a Web feed icon:

```
<a type="application/atom+xml" class="icon-alone" href="/some/feed.atom">
  <span aria-hidden="true" data-icon="&#xe003;"></span>
  <span class="screen-reader-text">Web feed</span>
</a>
```

- The outer element is marked up with the `icon-alone` class.
- The second element provides the icon, using the same `data-icon` attribute that is used to *enhance a word*. The `aria-hidden` attribute prevents screen readers from “saying” the icon.
- The third and final element provides the text for the screen-reader. It is given the `screen-reader-text` class so it is hidden to visual browsers.

Loading

When loading data using AJAX it is desirable to show that activity is taking place in the background. To do this the Loading icon-character is provided with some CSS3 to animate the icon so it spins. To create a Loading icon add a standalone icon with the `loading` class:

```
<span data-icon="&#xe619;" aria-hidden="true"
  class="loading"> </span>
```

Note The space in the ` ` is important. Markup processors (such as TAL) can turn XHTML self-closed elements (``) into unclosed elements. The side effect is the entire paragraph is spun.

CHAPTER 3

Acknowledgements

The [Twitter Bootstrap](#) CSS is pasted at the start of the GroupServer file to eliminate the need for an HTTP request. It is licenced under the [Apache License, Version 2.0](#). The included CSS is a modified version of [Bootstrap 2.3.0](#). Refer to the [documentation for 2.3.2](#) to learn more. Do note that the following components have been removed from the included version of Bootstrap:

- The grid system
- Responsive utility classes

The *Icons* were taken from two glyph-fonts:

- [Font Awesome](#) by Dave Gandy provided the text-editing icons, the devices, the spinner, and the pin-icon. It is licenced under the [CC BY 3.0 license](#).
- [Entypo](#) by Daniel Bruce provided most of the icons. It is licenced under the [CC BY-SA 3.0 license](#).

The [IcoMoon](#) App, by Keyamoon, was used to crate the font-files.

Authors

Josh Campbell did the initial design and implementation (GroupServer 0.9) that was part of the `Products`. GroupServer product. Ben Ford from [Metasolutions](#) did a major redesign (GroupServer 1.0) that was implemented in this product. Mike Harding from [Cactus Lab](#) re-imagined the design into GroupServer 2.0. The CSS coding for the all versions from 1.0 onward, and egg creation, was by [Michael JasonSmith](#).

2.6.7 (2016-01-28)

- Following the changes to `gs.content.js.multifile` and `gs.group.messages.topic.base`

2.6.6 (2015-12-09)

- Following the changes to `gs.profile.email.settings`

2.6.5 (2015-11-12)

- Adjusting the *Share* popup from `gs.content.js.sharebox` to make space for the new *Copy* button

2.6.4 (2015-11-06)

- Making the white-space significant (`white-space: pre-wrap`) in the posts on the web.

2.6.3 (2015-10-27)

- Updating the version number in the `site.css` resource

2.6.2 (2015-09-30)

- Following the changes in `gs.group.messages.post.base` to Microformats 2

2.6.1 (2015-03-20)

- Improving the rendering of posts on small screens, with thanks to [Piers](#)
- Truncating the name of the author on the *Image* page when it is wider than the containing box.

2.6.0 (2015-03-10)

- Adding the CSS for the *Verify* page
- Adding the CSS for the *Verify wait* page

2.5.0 (2015-03-03)

- Stopping the scroll-bar from appearing in the header of the *Post* page
- Moving the *Group email settings* button to the right of the *Member information* box on the *Group* page
- Naming all the reStructuredText files as such
- Pointing at [GitHub](#) as the primary repository

2.4.2 (2014-06-24)

- Removing the margin from the ul at the bottom of the `gs.group.member.active` viewlet

2.4.1 (2014-05-15)

- Fixing some CSS errors

2.4.2 (2014-03-05)

- Fixing the clipping of the filename on the *Image* page
- Fixing the profile images in *Reply to topic* and *Start a new topic*, closing [Bug 4082](#)

2.4.1 (2014-02-17)

- Fixing the URL to the EOT version of the icon-font

2.4.0 (2014-01-27)

- Adding support for the *Invite by CSV* page
- Fixing some clipping in posts

2.3.1 (2013-11-27)

- Fixing Chrome and Safari so they animate the loading icon

2.3.0 (2013-11-26)

- Turning the editor back on for *content editor* pages
- Added the animated swirl icon
- Added new glyph icons:
 - Install
 - Archive
 - Linux
 - GroupServer
 - Devices (mobile, tablet, laptop, desktop)
 - Text editing
- Dealing with corner-cases with search, closing [Feature 4038](#)
- Fixing the Group page for an *announcement* group
- Removing the bitmap icons from the Bootstrap code

2.2.3 (2013-11-05)

- Adding a *minified* version of the CSS

2.2.1 (2013-10-15)

- Adding a new break-point at 460px

2.2.0 (2013-09-24)

- Turning a menu into an inline list on small screens, closing [Feature 3909](#)
- Hiding the breadcrumbs on pages with a context-menu

2.1.0 (2013-09-11)

- Adding support for the *Members* page, closing [Feature 3862](#)
- Fixing some boxes when they overflow
- Adding a `print` style
- Making the header-links generic

2.0.2 (2013-07-24)

- Removing a hack from the *About* box on the Group page

2.0.1 (2013-07-08)

- Fixing a gap on the *Topics* list of the Group page

2.0.0 (2013-06-07)

- Updating to the new GroupServer user interface
 - Implementing a *flat* design aesthetic, designed by Mike Harding from [Cactus Lab](#)
 - Switching to [Twitter Bootstrap 2](#) for the core CSS
 - Adding icon-fonts

1.4.1 (2012-06-13)

- Fixing the sticky-topic icons

1.4.0 (2012-06-06)

- Adding support the *One true search* system (see [gs.search.base](#))

1.3.0 (2012-05-30)

- Adding support for the *Encouragement* for a group administrator
- Refactoring the *About* tab on the group page

1.2.0 (2012-05-16)

- Adding the support for the *Topics* tab, the *Posts* tab, and the *Files* tab on the Group page

1.1.1 (2011-12-05)

- Adding the style for the `<cite>` element back
- Tweaking the style for nested lists

1.1.0 (2011-07-26)

- Adding the CSS for sign-up methods

1.0.0 (2011-07-14)

Initial commit. Prior to the creating of this product the CSS was provided as a *file-system site* component by the `Products.GroupServer` product.

The core `GroupServer` CSS code implements a style known as *Colour is for happy people*. It is **deliberately** devoid of colour: a monochrome palette of black, white and greys is used. This means that everything has to rely on *Layout* (alignment and proximity), shape and typography to make sense. The typography is supported by some glyph *Icons*.

To this core layout different colourful skins can be added. See `gs.skin.green` and `gs.skin.blue` for two examples.

CHAPTER 5

Indices and tables

- `genindex`
- `modindex`
- `search`