SVG ICON SYSTEM IN WORDPRESS
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WHAT WE’LL TALK ABOUT

1. **Why** use SVG icons
2. **Where** to get SVG icons
3. **How** to use SVGs
4. **Example code Twenty17**
There will be no SVG icons in this presentation
SA(O)MI KEIJONEN

Proof of concept how to handle SVG social menu

Some Theme

This is WordPress Theme called Some. This is first public theme where I have used SVG icons in social menu, and everywhere else also. Color scheme was inspired by WordCamp
1. Getting to know you

We learn about your goals and desired risk level to create a unique investment plan.

2. Personalization

We use advanced algorithms and expert knowledge to build the right portfolio for you.
How many of you are using **Icon Fonts**, not **SVGs**?
THAT’S OK
Why?
Scalable Vector Graphics are better
Why?

By switching from icon fonts, we can serve our icons more easily, more quickly, and more accessibly. And they look better. Enjoy.

- Github
WHY?
1. Multicolor icons
2. Animate icons
3. Control with CSS
WHERE TO GET SVG ICONS?

1. From your designer
2. Icomoon App
3. Font-Blast
How to use SVGs?

(Can’t control colours with CSS)
How to use SVGs?

As a **background image** in your CSS
(Can’t control colours with CSS)
How to use SVGs?

Drop **SVG code** in your HTML markup
(Can be hard to maintain with lot’s of icons)
How to use SVGs?

Or use

```php
file_get_contents('icon.svg')
```

function
How to use SVGs?

Inline SVG sprite which contains all of your icons
USING SPRITE

Include the **icons.svg** sprite file via the **wp_footer** hook.
icons.svg sprite file

<svg style="display:none;">
  <symbol id="icon-twitter" viewBox="0 0 30 32">
    <path d="M28.929 ..."></path>
  </symbol>
  <symbol id="icon-html5" viewBox="0 0 32 32">
    <path d="M20.179 ..."></path>
  </symbol>
  ...
</svg>
Use icon anywhere in your markup by it’s ID

```html
<svg class="icon icon-tweet">
  <use xlink:href="#icon-twitter"></use>
</svg>
```
Or use absolute path without wp_footer

```html
<svg class="icon icon-icon-twitter">
  <use xlink:href="path/to/icons.svg#icon-icon-twitter"></use>
</svg>
```
Note that absolute path doesn’t work in IE

You need svgxuse

JS polyfill
Auto-generate icons.svg file using gulp-svgstore
Example code in Twenty Seventeen

Check inc/icon-functions file
twentyseventeen_get_svg
wrapper function powers everything
twentyseventeen_get_svg(array('icon' => 'twitter')) outputs

<svg class="icon icon-twitter" aria-hidden="true" role="img"> <use href="#icon-twitter" xlink:href="#icon-twitter"></use> </svg>
Another example is social links menu invented by Justin Tadlock
Base CSS

.icon {
    display: inline-block;
    fill: currentColor;
    position: relative;
    top: -0.0625em;
    vertical-align: middle;
    width: 1em;
    height: 1em;
}
Example code in Twenty Seventeen
Check inc/icon-functions file
Thanks!

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