Genesys Snippets

A set of Genesys Snippets for Visual Studio Code.

Genesys is a prototyping toolkit for use with VSCode. It enables designers and UI developers to quickly create low to high-fidelity prototypes, or even production-ready UI. Genesys provides support for most major design systems (Bootstrap, Material Design, Foundation, Ionic, Tailwind, Tachyons, et. al.) and you can add any others. Additional features include multi-lingual support, automated walk-throughs, on-screen comments, A/B testing, conditional logic, animation, and more--all through markup.

Page Templates

Create new pages based on common design systems. Create a new HTML document and type `!!` to see the available page templates.

Trigger	Description	Documentation
!html	Plain HTML5 page	https://www.w3schools.com/html/default.asp
!!atlassian	Atlassian page	https://www.atlassian.design/components/
!!bs3	Bootstrap 3 page	https://getbootstrap.com/docs/3.4/components/
!!bs4	Bootstrap 4 page	https://getbootstrap.com/docs/4.5/getting-started/introduction/
!!bs5	Bootstrap 5 page	https://v5.getbootstrap.com/docs/5.0/getting-started/introduction/
!!bulma	Bulma page	https://bulma.io/documentation/
!!fabric	Microsoft Fabric page	https://developer.microsoft.com/en-us/fluentui#/controls/web
!!foundation	Foundation page	https://get.foundation/sites/docs/
!!ionic	Ionic page	https://ionicframework.com/docs/components
!!pure	Pure.css page	https://purecss.io/
!!mdb	Material Design Bootstrap page	https://mdbootstrap.com/
!!mds	M-Design System page	https://m-docs.org/
!!material	Material Design page	https://material.io/components
!!material-lite	Material Design Lite page	https://getmdl.io/components/index.html
!!materialize	Materialize page	https://materializecss.com/
!!paper	PaperCSS page	https://www.getpapercss.com/
!!reveal	Reveal.js presentation	https://revealjs.com/
!!semantic	Semantic UI page	https://semantic-ui.com/
!!tailwind	Tailwind CSS page	https://tailwindcss.com/
!!uikit	UIKit page	https://getuikit.com/docs/introduction
!!vue	Vue.js page	https://vuejs.org/v2/guide/
!!webslides	WebSlides presentation	https://github.com/webslides/webslides/

Libraries

Trigger	Description
gns-add-genesys-lite	Add the basic Genesys prototyping tools to the page
gns-add-genesys-full	Add all of the Genesys prototyping tools to the page
gns-add-analytics	Add the analytics library to the page

Trigger	Description
gns-add-animation	Add the Animate & AniJS libraries
gns-add-atlas	Add the Atlassian Design System
gns-add-basscss	Add the Basscss CSS Low-Level Toolkit
gns-add-bulma	Add the Bulma CSS Framework
gns-add-diagram-library	Add the Flowchart & Diagramming Library (Mermaid)
gns-add-font-awesome	Add the Font Awesome icon library
gns-add-fractures	Add the Fractures Atomic CSS Toolkit
gns-add-mdbootstrap	Add the Material Design Bootstrap library
gns-add-mdesignsystem	Add the M-Design System Web Component library
gns-add-modulz	Add the Modulz CSS library
gns-add-paper	Add the Paper CSS library
gns-add-pure	Add the Pure.css library
gns-add-page-testing	Add automated page testing using Gremlins
gns-add-persistence	Add the Persistence library (Mavo)
gns-add-roles	Add the User Roles (PolyPage) library
gns-add-tachyons	Add the Tachyons CSS Toolkit
gns-add-tailwin	Add the Tailwind CSS framework
gns-add-turret	Add the Turret CSS Framework
gns-add-uilang	Add the UILang library
gns-add-walkthru	Add Intro.js library

Site Maps

Trigger	Description
gns-sitemap-add-page	Connect a new page block to your sitemap page

Flowcharting & Diagramming

Trigger	Description
gns-insert-diagram	Insert a flowchart or diagram

Design Placeholders

Trigger	Description
gns-placeholder-block	Generic Block placeholder
gns-placeholder-image	Image placeholder

Common UI Elements

Trigger	Description
gns-button	Button
gns-header	Heading Level (1-6)
gns-link	Hyperlink
gns-icon	Icon (Font Awesome)

Virtual Pages

Trigger	Description
gns-virtual-page	Add a new Virtual Page

Annotations & Comments

Trigger	Description
gns-add-note-library	Add the Annotation library
gns-add-note	Annotation

Blur, Redact, Hide Data

Trigger	Description
gns-blur	Blur fake/realistic data and user input
gns-redact	Redact fake/realistic data and user input
gns-invisible-ink	Hide fake/realistic data and user input

A/B Testing

Trigger	Description
gns-add-ab-testing	Add the A/B testing library to the page
gns-add-ab-testing-config	Add the A/B/ testing library configuration settings
gns-insert-ab-test-scenarios	Insert A/B test scenario sections

Measuring Perceived Usability

Trigger	Description
gns-feedback-seq	Add the Single Ease Question (SEQ) to your page
gns-feedback-sus	Add the System Usability Scale (SUS) to your page
gns-feedback-tlx	Add the Task Load Index (TLX) to your page

Genesys Page Settings

Add any of the following CSS class names to your prototype page's BODY element. Note that the Genesys Toolbar provides real-time interactive access to these functions as you view your prototypes.

BODY Class	What It Does

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gns-grid	Display the page with visible outlines of all page layout grids
gns-inspect	Display the Genesys Page Inspector
gns-lofi	Display the page in Low-Fidelity mode
gns-notes	Display the page with all (any) page notes/annotations visible
gns-redact	Display the page with all fake/realistic data redacted
gns-test	Display the page with automated interactive tests running
gns-walkthru	Display the page with the automated Walthru feature activated (if present)
gns-footer-hide	Hide the Genesys Page Footer

Genesys Object Settings

Add any of the following CSS class names to any page element.

BODY Class	What It Does
gns-text-left	Left align text
gns-text-center	Center text
gns-text-right	Right align text
gns-float-left	Push the element to the left as far as possible
gns-float-right	Push the element to the right as far as possible

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Building the Extension

For first time builders, make sure you have Node.js installed, then run:

```
npm install -g vsce
```

To build the extension:

1. If you have made changes, update the `package.json` file version number appropriately, using Semantic Versioning rules.
2. Run `vsce package`