Web Components Basics

Web Components are made up four specifications:

- Custom Elements: enabling custom html tags

- Shadow DOM: enabling isolation for custom elements

- HTML Templates: enabling to define html template fragments

- HTML Imports: enabling html fragment imports

Custom Elements

TODO

Shadow DOM

- Enables a node to express three subtrees:

    - Light DOM: visible DOM notes inside the custom element tag/DOM supplied by the consumer

    - Shadow DOM: private to the element and hidden from others and attached to the element's shadow root

    - Composed DOM: Rendered by the browser by distributing the light DOM into the Shadow DOM

    - *Logical DOM* = Light DOM + Shadow DOM. The developer interacts with this layer

TODO

HTML Templates

TODO

HTML Imports

TODO