# GeoLink + Web Components
## Your web site is the interface

GeoLink Partner

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W3C Web Components
https://www.w3.org/standards/techs/components#w3c_all

Metadata population via RDF and GeoLink base ontology

A combination of web architecture patterns (web components, polyfills, JS, HTML5, etc) and queries into the GeoLink Domain Graph are used to build a web component.
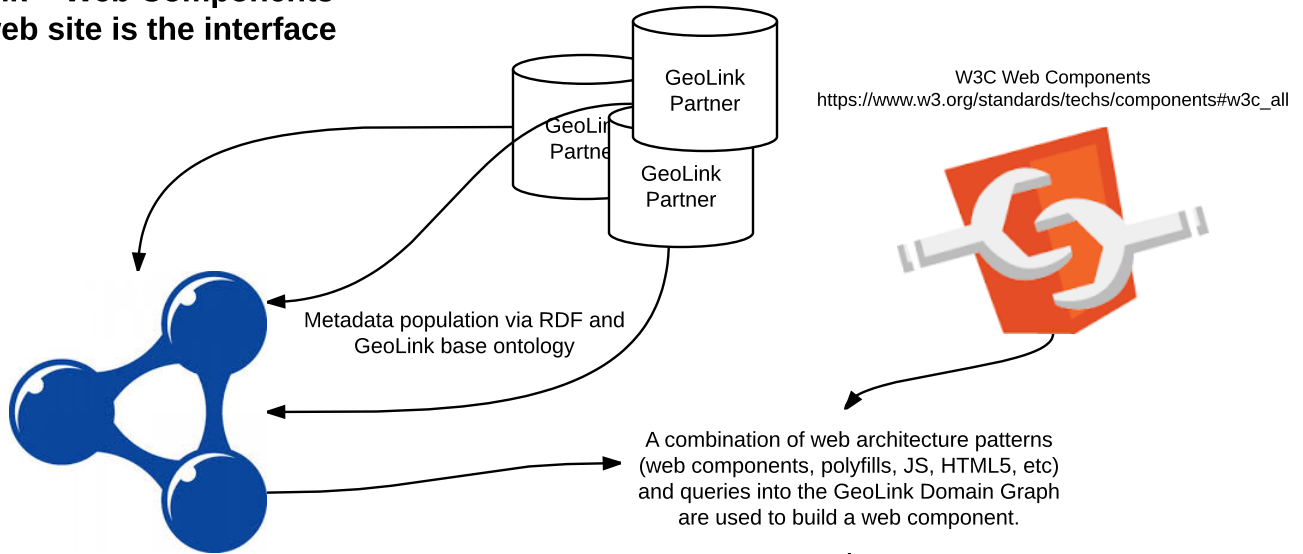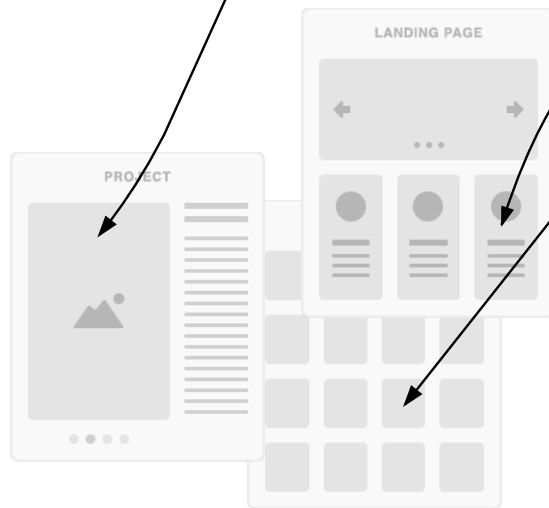
GeoLink Domain Graph can be used by a wide range of tools and components. Additional semantic relations can be machine resolved.

**GeoLink** Resource Information for:
http://data.geolink.org/id/person/14f971b5-8dac-40ad-a48d-01ff8a6be870
Local Seed Resource:
http://opencoredata.org/id/resource/people/v1/078d82ba-21df-11e6-8725-c8bcc89d1645

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More at http://data.rvdata.us/id/person/108196

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More at http://opencoredata.org/id/resource/people/v1/078d82ba-21df-11e6-8725-c8bcc89d1645

LANDING PAGE

PROJECT

Components, once built, can be placed into any domains web pages via HTML5 along side the native content to provide additional information and context ot the users.

* routing users to other related content
* embedding semantic data for harvesters to build relation graphs from
* providing addition information and context to local data not provided in the host data holdings

A typical component can be instanced into a page with only a few lines of HTML5*.

Users benefit from improved discovery and context for data they are already engaged with at the provider sites.
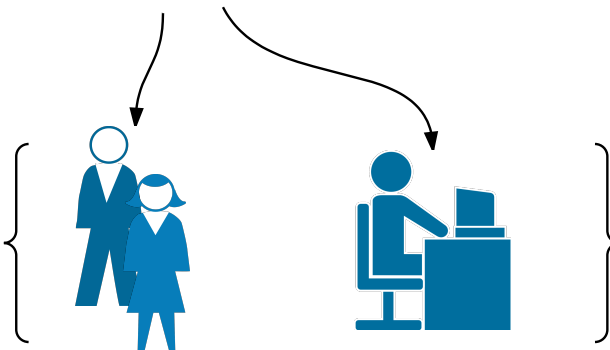
Data providers and facilities benefit from placing local data holdings in a larger context for users. Also, embedded metadata aids in discovery from orgranic search engines.

```
*
<!-- GeoLink Web component import and polyfill -->
<script src="http://glcomponents.tech/components/glperson-element/bower_components/webcomponentsjs/webcomponents-lite.js"/>
<link rel="import" href="http://glcomponents.tech/components/glperson-element/glperson-element.html">

<!-- GeoLink component call -->
<glperson-element params='{"host": "GeoLink", "hosturl":"http://geolink.org", "url": "http://opencoredata.org/id/resource/people/v1/078d82ba-21df-11e6-8725-c8bcc89d1645"}' />
```