

Flexibility, compatibility: the Visual Framework 2.

An open collaborative effort of EMBL Strategy and Communications, EMBL-EBI Web Development and Web Committees

VF 1.x VF 2.0

Monolithic
2 variations available:
Full and lite
ebi-global.css
ebi-lite.css

Tightly coupled
JS and CSS
document.getElementById("masthead-black-bar").insertBefore(barContents, document.getElementById("masthead-black-bar").firstChild);

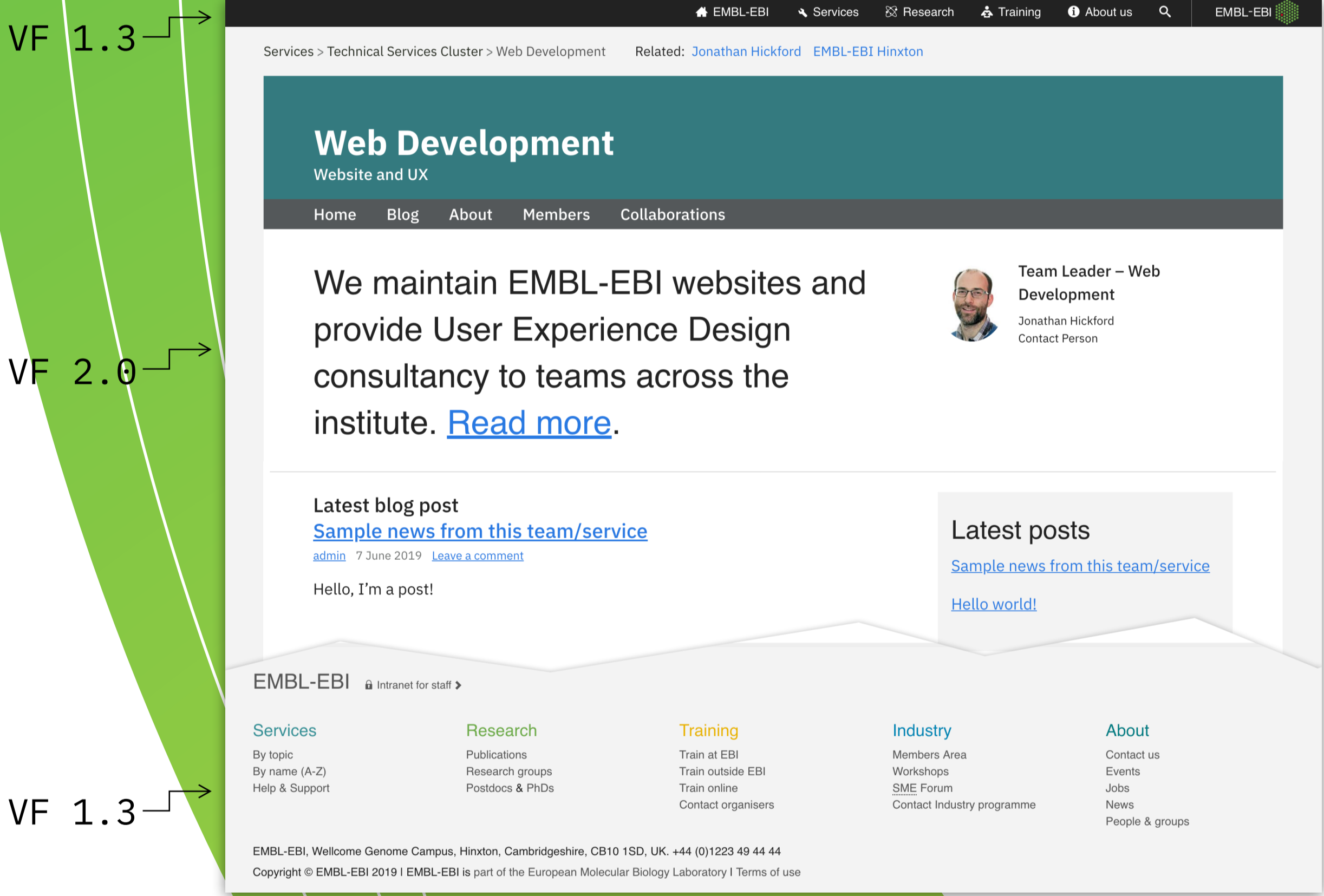
No namespacing
Uses common CSS class names
.row, .button, .code, a, h1 ...

100% Modular
All components are isolated, installable through npm
npmjs.com/org/visual-framework

Loosely coupled
JS and CSS
function vfBanner(scope) {
 scope = scope || document;
 scope.querySelectorAll("[data-vf-js-banner]");
 ...
}

Fully isolated
VF CSS won't cross-contaminate your application
.vf-grid, .vf-button, .vf-code, .vf-link ...

Request delivery:
Use VF style along-side your other CSS+JS



0 tests
Everything is probably fine

Brand specific
Hard to use for non-EMBL-EBI looking sites

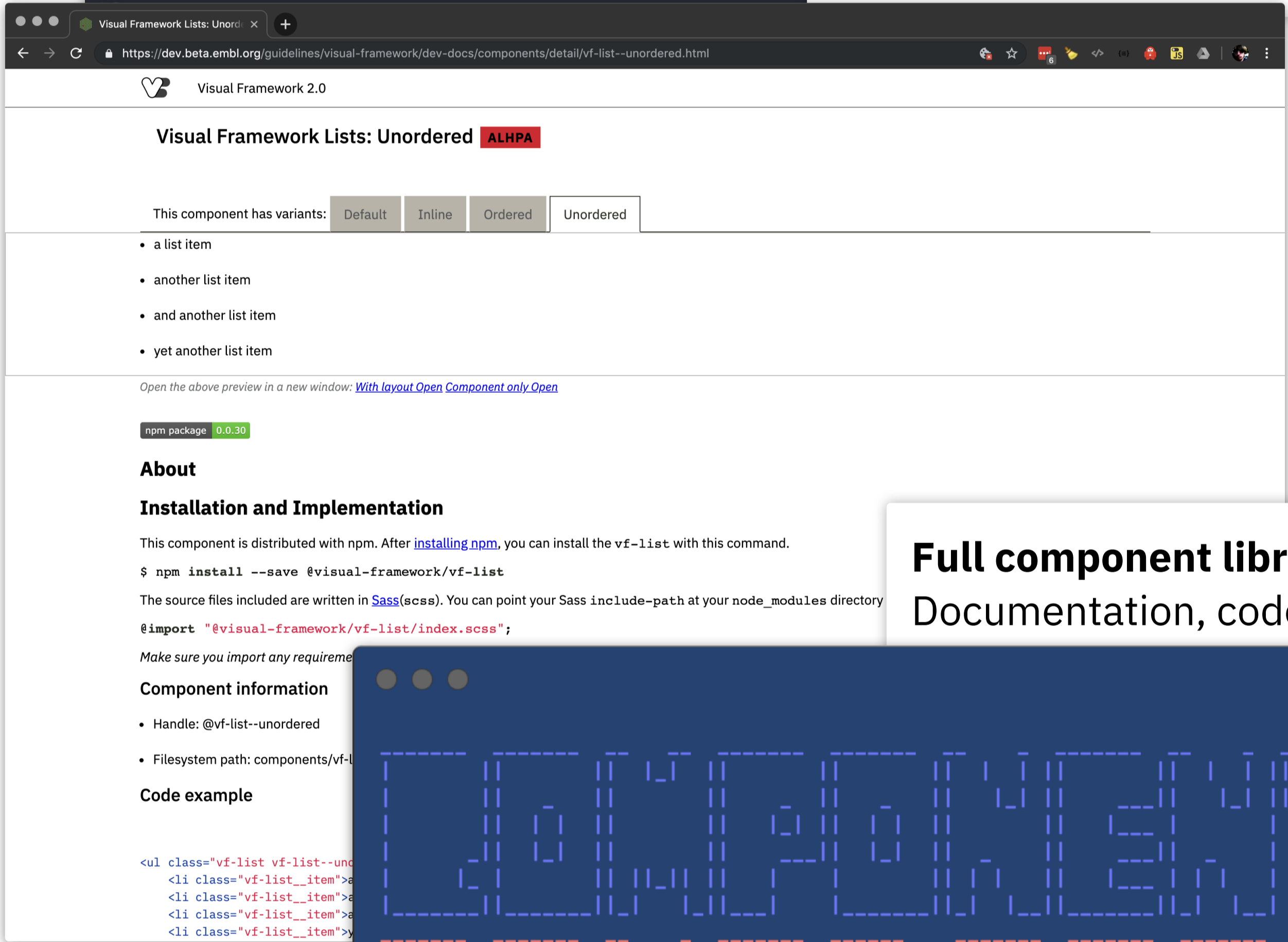
Visual and code tests
Continuous integration, linting, unit and visual comparison

Brand agnostic
'vf-core' is free from branding with EMBL and EBI brands as configuration

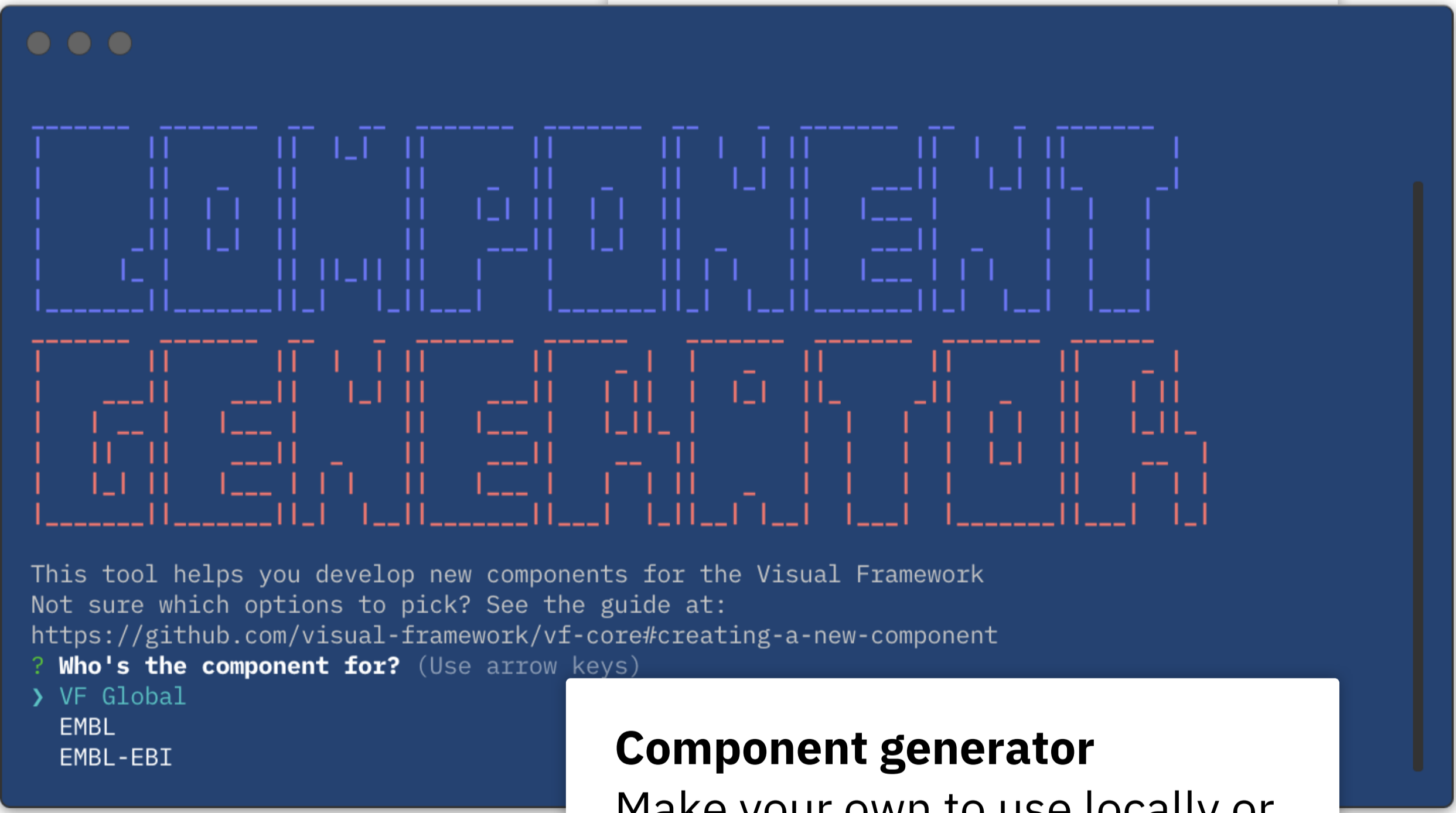
Use only what you need
All components are modular and installable through npm, then integrate sass and assets however you like. Or use the pre-built CSS.

```
1 <ul  
2   class="vf-list"  
3   {%~ if list_type %} vf-list--{{list_type}}{% endif %}  
4   {%~ if override_class %} | {{override_class}}{% endif ~%}  
5 >  
6   {% for item in list %}  
7     <li class="vf-list_item">{{item}}</li>  
8   {% endfor %}  
9 </ul>  
10  
11
```

Real components
In addition to code samples there are real component templates to use inside the build system.

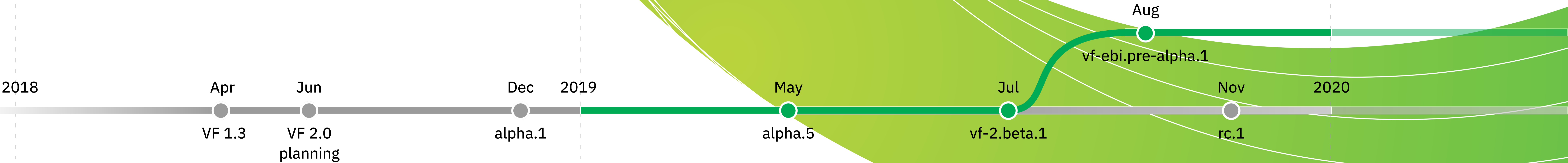


Full component library
Documentation, code samples



Component generator
Make your own to use locally or contribute back to the VF 2.0

Comming this summer:
The EBI VF 2.0 built with
vf-core.v2.0-beta.1



Get involved
github.com/visual-framework/vf-welcome

Want updates? Have ideas? ✉ khawkins@ebi.ac.uk

Can't update?
We'll also be making a VF 1.4. It will give a look consistent with 2.0 but you won't get any of these architectural improvements.