

How do I register a custom Vue component for my module?

To register a Vue component for our module, we will need to create a JavaScript file for our components and in order to initialise Vue.

Link assets

In order to link all the assets, which is a necessary step of registering a Vue component, we need to add a function to the module Service Provider. This is the code we need in the service provider:

```
public function assetLinks()
{
    return [
        'aerocargo/acme' => __DIR__ . '/../public',
    ];
}
```

Replace `aerocargo/acme` with your module vendor & name.

After defining asset links, you will need to run `php artisan aero:link`.

Initialise components

```
// resources/js/components.js

import NewComponent from './components/NewComponent';

window.Acme = {
    install(Vue) {
        Vue.component('new-component', NewComponent);
    }
}
```

```
},  
}
```

The above code gives us access to the `<new-component></new-component>` tag, provided we've loaded the components into a view.

Loading components into a view

```
@push('scripts')  
  <script src="{ asset(mix(components.js', 'modules/aerocargo/acme')) }" ></script>  
  <script>  
    window.AeroAdmin.vue.use(window.Acme);  
  </script>  
@endpush
```

Enable Vue dev tools

In order to enable Vue devtools for our module, we simply add the following line of code into the file where we initialize our components:

```
import NewComponent from './components/NewComponent';  
  
window.Acme = {  
  install(Vue) {  
    Vue.config.devtools = true;  
  
    Vue.component('new-component', NewComponent);  
  },  
}
```

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