

How sharing javascript between javascript clientside and javascript serverside?

If we want to develop a software with hexagonal architecture principle we can found this problem (in javascript).

We share same core code with "frontend" adapter and "cli" adapter (for example).

For example we have a core code like:

Core.js

```
var myFunction = function (var){ /* do stuff */};
```

And we have adapter

FrontendAdapter.js

```
var view = Backbone.View.extend({
  initialize: function(injected) {
    this.injectCore = injected;
  }
});
```

And we have another server side adapter (like cli)

CliAdapter.js

```
const core = require('Core');
core('var');
```

How we can share Core.js between CliAdapter and FrontendAdapter?

It's easy. We add at end of Core.js this code

```
if (typeof module !== 'undefined' && module.exports) {
```

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```
module.exports = myFunction;  
}
```

And when CliAdapter include Core.js you have **export**, otherwise when you use Core.js in browser or in test suite (with jasmine), module.exports never triggered.

Happy Hacking.