What is it?

An effort to build up the ecosystem for javascript outside of the browser.

For example where?

On the server, or in standalone desktop applications

Why?

Potential benefits of using the same language on the server and the client.

Reusing code on both client and server.

Simplify implementation of server / client code since common language is used.

Provide a common api for performing tasks in javascript

Create a standard library that applications may utilize and be deployed to any container.

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What is the physical manifestation of the project?

Specifications and implementations

What is an implementation?

An implementation of a specification.

What is meant by fragmentation of web frameworks?

TODO

What is meant by fragmentation of javascript?

People want to do a lot with javascript.

There aren’t standard API’s to allow that.

So people come up with frameworks which allow them to do what they want to, albeit outside the scope of a standard.

What is an interpreter?

Also called a javascript engine

Interprets and executes javascript

How can interpreters differ?

In how they are implemented.

What types of interpreter implementations are there?

Some are written in java

Others c++

What is a browser engine?

TODO

What is meant by cross-interpreter?

TODO

What is a virtual machine?

Emulation of a particular operating system

Software implementation of a machine

What is a commonjs module?

TODO

What is a javascript web framework?

A framework in which concerns typical of a web framework are written as custom javascript API’s (not standard-based)

TODO

Rhino, Spidermonkey, V8 and JSCore

What is a commonjs module?

## API’s

Promise

## Reference

<http://wiki.commonjs.org/wiki/CommonJS>