

Introduction

[ws](#) is a simple to use websocket implementation, up-to-date against RFC-6455, and probably the fastest WebSocket library for node.js.

We use it to send messages from the video window to the main window. In the video window we check for the color red and send a '1' if found or '0' if not found.

Installation

Install using npm

```
$ npm install ws
```

When using node-webkit, you have to [compile the native module](#) for your platform.

Usage

Server (main window)

```
var WebSocketServer = require('ws').Server
    , wss = new WebSocketServer({port: 8081});

wss.on('connection', function (ws) {
  ws.on('message', function (message) {
    console.log('received: %s', message);
  });
});
```

Client (video window)

```
var WebSocket = require('ws')
    , ws = new WebSocket('ws://localhost:8081');

ws.on('open', function () {
    ws.send('a message');
});
```