Demo Building Chat client

1. Powershell – create basic solution structure

|  |
| --- |
| cd C:\SAUG  New-AzureService AzureNodeChatClient  Add-AzureNodeWebRole |

1. Install node packages

|  |
| --- |
| Cd C:\SAUG\AzureNodeChatClient\WebRole1  npm install azure  npm install node-static  npm install node-uuid  npm install socket.io |

1. Create socket.io folder and drop the clientside js file in there
2. Create public folder and drop scripts and Index.html in there
3. Modify Server.js to serve out index.html as a static file and test by running app

|  |
| --- |
| //kick off HTTP server  var app = require('http').createServer(httpHandler);  app.listen(process.env.port || 4567);    //kick off SOCKET.IO listner  var io = require('socket.io').listen(app);  var fs = require('fs');  var static = require('node-static');  var file = new(static.Server)('./public');  function httpHandler (req, res) {  req.addListener('end', function () {  // Serve static files!  file.serve(req, res);  });  } |

Run node directly and get dependency errors…

|  |
| --- |
| Cd C:\SAUG\AzureNodeChatClient\WebRole1  node server.js |

1. Fix up the dependency errors

C:\SAUG\AzureNodeChatClient\WebRole1\node\_modules\node-static\lib\ node-static.js