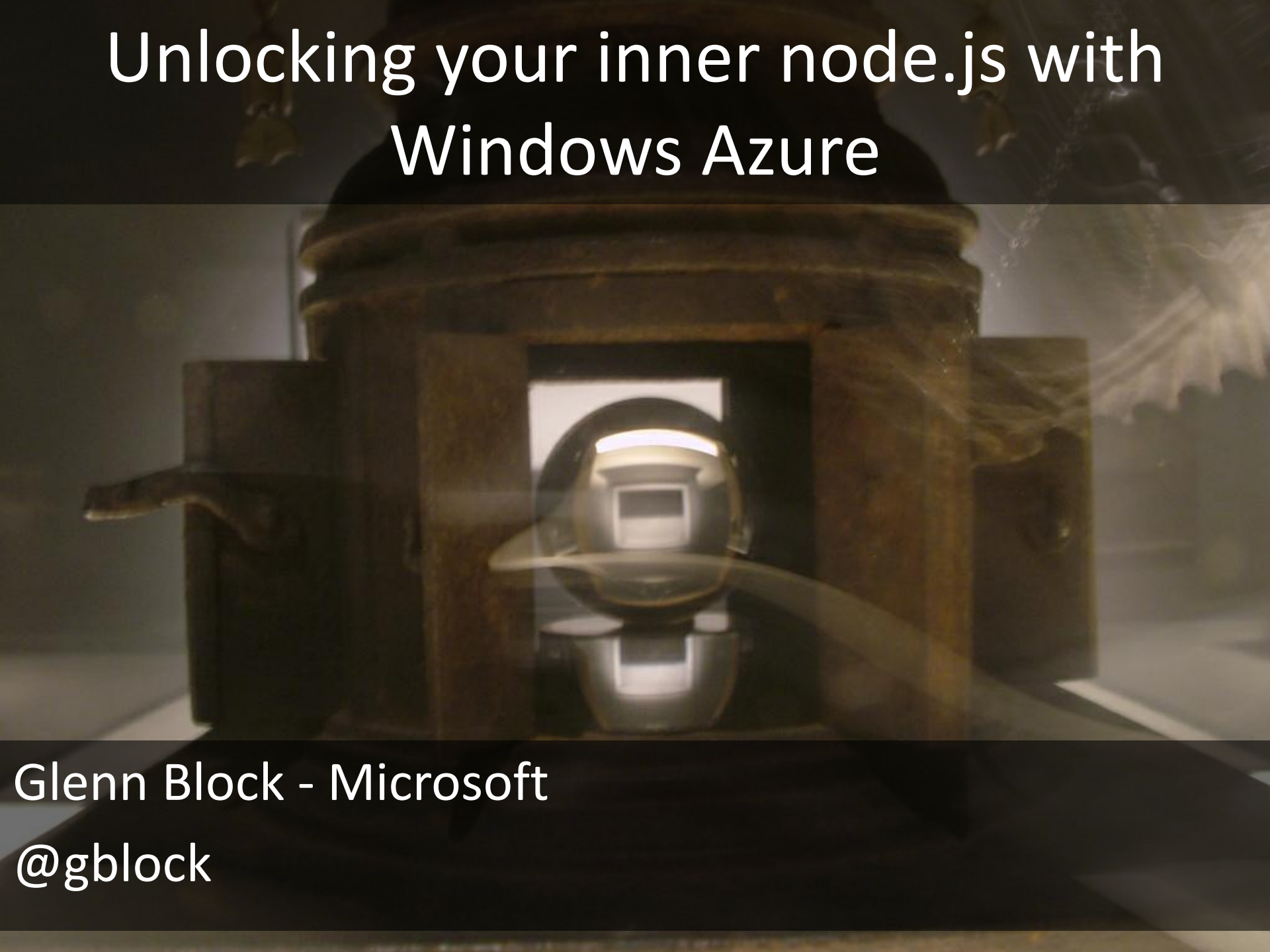
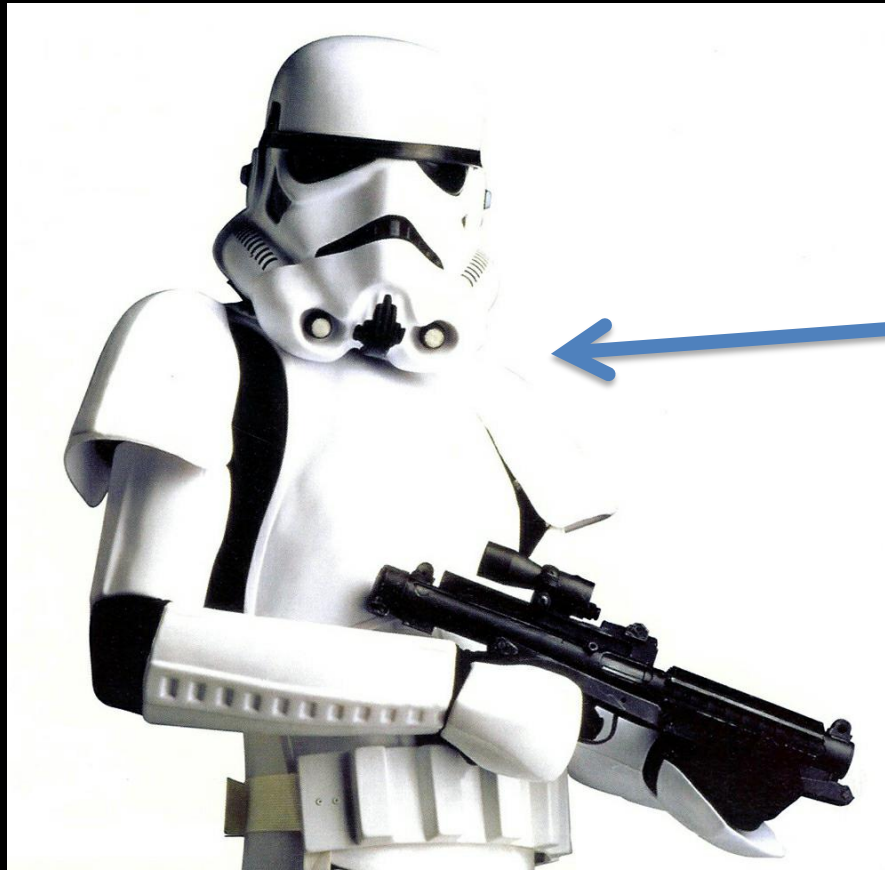


Unlocking your inner node.js with Windows Azure

A Newton's cradle with a glowing sphere in the center, set against a dark background with a faint globe.

Glenn Block - Microsoft
@gblock

This is me



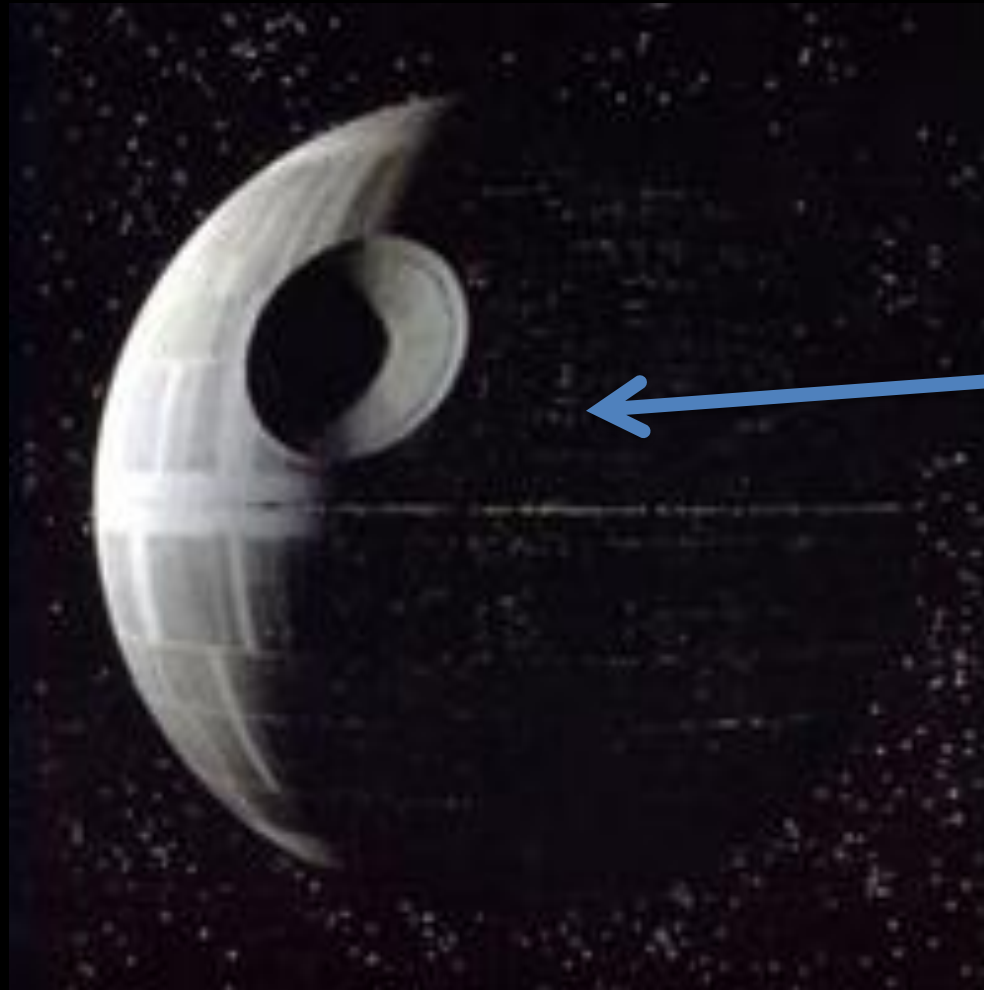
@gblock



I work for this guy



And we work here



MICROSOFT

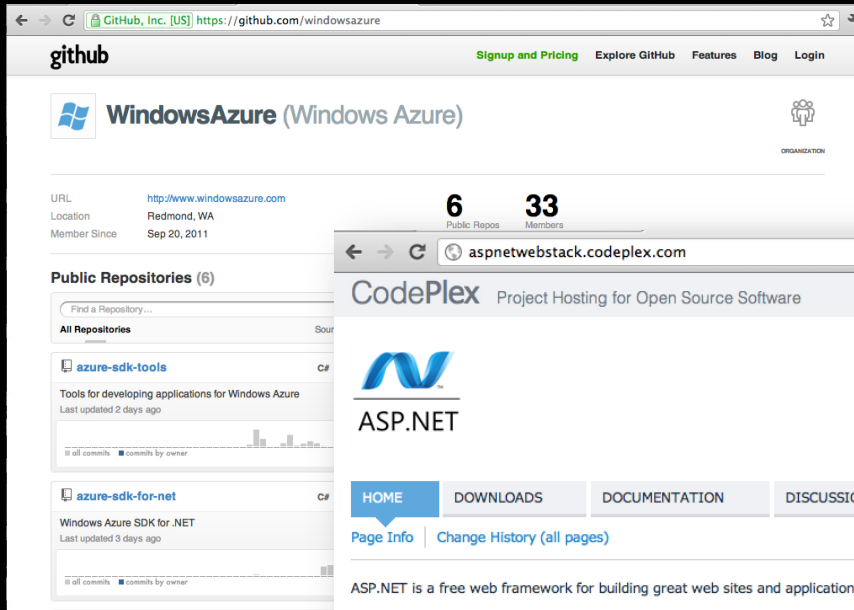
Actually no



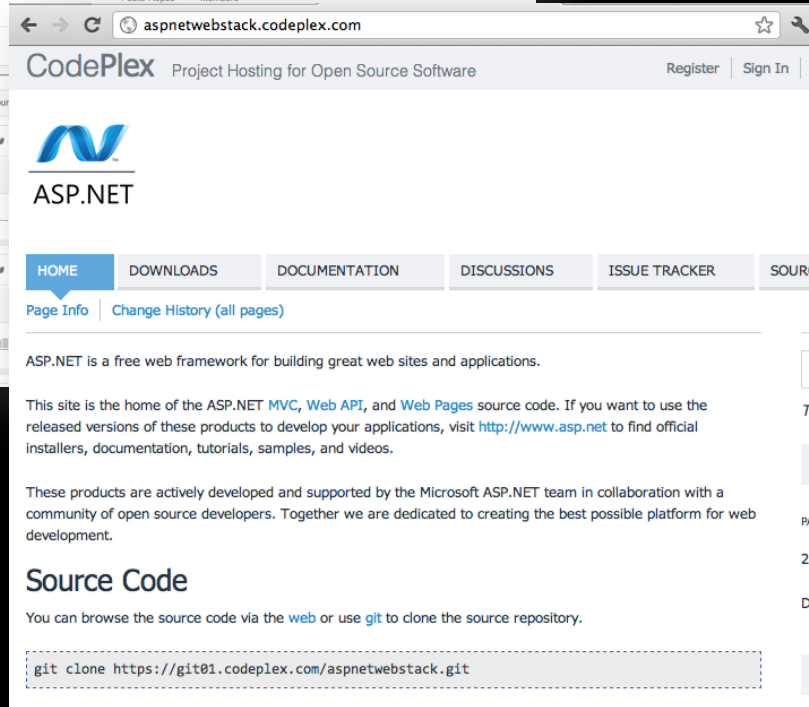
Times have changed



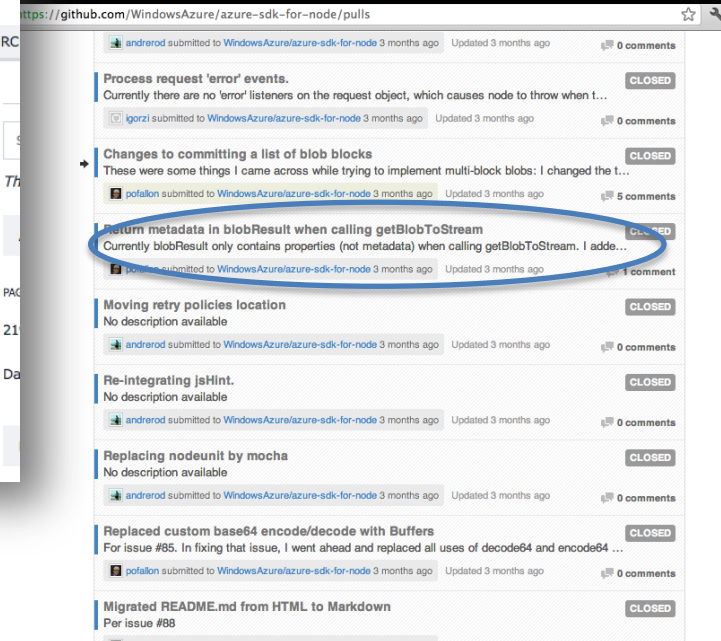
We're digging open source



A screenshot of the GitHub profile for the organization 'WindowsAzure'. The profile shows the organization's name, logo, and a list of public repositories. The 'Public Repositories (6)' section is visible, listing repositories such as 'azure-sdk-tools' and 'azure-sdk-for-net'. The 'azure-sdk-for-net' repository is highlighted, showing its name and last updated date.



A screenshot of the CodePlex website for ASP.NET. The page features the ASP.NET logo and navigation tabs for 'HOME', 'DOWNLOADS', 'DOCUMENTATION', 'DISCUSSIONS', 'ISSUE TRACKER', and 'SOURCE'. The main content area describes ASP.NET as a free web framework for building great web sites and applications. It mentions that the site is the home of the ASP.NET MVC, Web API, and Web Pages source code. A code block at the bottom provides the command to clone the source code: `git clone https://git01.codeplex.com/aspnetwebstack.git`.



A screenshot of a GitHub pull request list for the repository 'WindowsAzure/azure-sdk-for-node'. The list shows several pull requests, each with a title, author, submission date, and status. One pull request, titled 'Return metadata in blobResult when calling getBlobToStream', is circled in blue. The status of all pull requests shown is 'CLOSED'.



Node.js is a platform built on [Chrome's JavaScript runtime](#) for easily building fast, scalable network applications. Node.js uses an event-driven, non-blocking I/O model that makes it lightweight and efficient, perfect for data-intensive real-time applications that run across distributed devices.

Why node?

Small

Fast

Scalable

Modular

Javascript

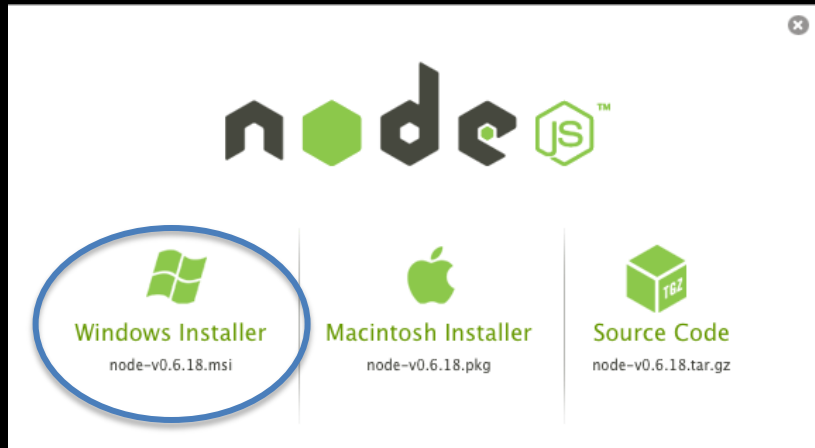
Who uses it?



Microsoft



What we did

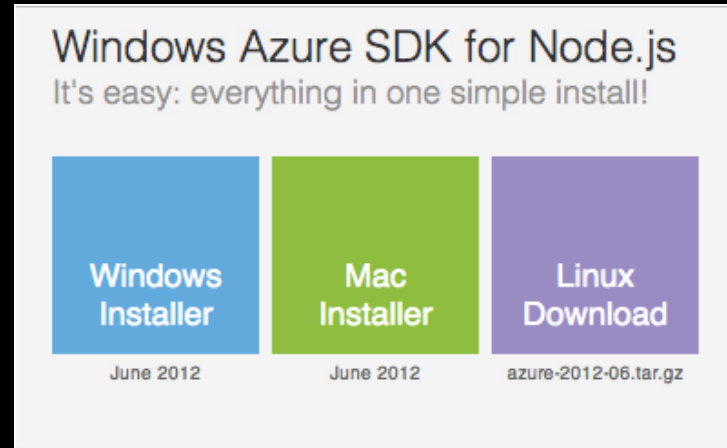


node JS™

Windows Installer
node-v0.6.18.msi

Macintosh Installer
node-v0.6.18.pkg

Source Code
node-v0.6.18.tar.gz

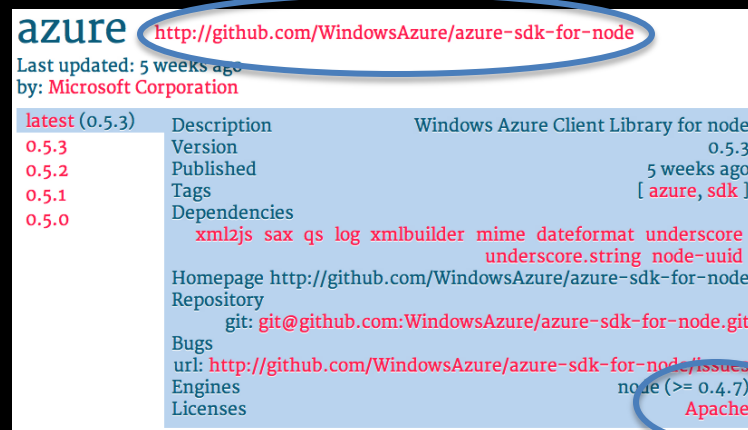


Windows Azure SDK for Node.js
It's easy: everything in one simple install!

Windows Installer
June 2012

Mac Installer
June 2012

Linux Download
azure-2012-06.tar.gz



azure <http://github.com/WindowsAzure/azure-sdk-for-node>

Last updated: 5 weeks ago
by: Microsoft Corporation

latest (0.5.3)	Description	Windows Azure Client Library for node
0.5.3	Version	0.5.3
0.5.2	Published	5 weeks ago
0.5.1	Tags	[azure, sdk]
0.5.0	Dependencies	xml2js sax qs log xmlbuilder mime dateformat underscore underscore.string node-uuid
	Homepage	http://github.com/WindowsAzure/azure-sdk-for-node
	Repository	git: git://github.com:WindowsAzure/azure-sdk-for-node.git
	Bugs	url: http://github.com/WindowsAzure/azure-sdk-for-node/issues
	Engines	node (>= 0.4.7)
	Licenses	Apache

```
var http = require('http');
http.createServer(function (req, res) {
  res.writeHead(200, {'Content-Type': 'text/plain'});
  res.end('Hello World\n');
}).listen(1337, '127.0.0.1');
console.log('Server running at http://127.0.0.1:1337/');
```



Windows® Azure™

Windows Azure

Web
Sites

VMs

Cloud
Services

azure <http://github.com/WindowsAzure/azure-sdk-for-node>

Last updated: 5 weeks ago
by: **Microsoft Corporation**

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	Licenses	Apache

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WebMatrix 2

+  node.js

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```

@ant.js  server.js  ru.js
150     tick: session.tick
151     rss: mem.rss
152     starttime: starttime
153 });
154
155 function get('/port', function (req, res) {
156     var id = qs.parse(url.parse(req.url).query).id;
157     var session;
158     if (typeof sessions[id] != 'undefined') {
159         session = sessions[id];
160         session.destroy();
161     }
162     res.send(JSON.stringify({ rss: mem.rss }));
163 });
164
165 function get('/refresh', function (req, res) {
166     var session;
167     if (typeof sessions[id] != 'undefined') {
168         session = sessions[id];
169         session.destroy();
170     }
171     res.send(JSON.stringify({ rss: mem.rss }));
172 });
173
174
175 function get('/refresh', function (req, res) {
176     var session;
177     if (typeof sessions[id] != 'undefined') {
178         session = sessions[id];
179         session.destroy();
180     }
181     res.send(JSON.stringify({ rss: mem.rss }));
182 });
183
184 var since = parseInt(
185     qs.parse(url.parse(req.url).query).since, 10);
186
187 channel.query(since, function (messages) {
188     if (!session) session = sessions[id];
189     if (session) session.postMessage(
190     messages);
191 });
    
```

Sinks

<http://nodejs.org> - node.js site

<http://bit.ly/azurenodedev> - azure node center

<http://npmjs.org> - npm registry

<http://expressjs.com> - express

<https://github.com/pofallon/node-bluesky> - bluesky

<http://github.com/iisnode> - iisnode

<http://github.com/dannycrates/node-inspector> - node-inspector