

# Run Node.js on IIS

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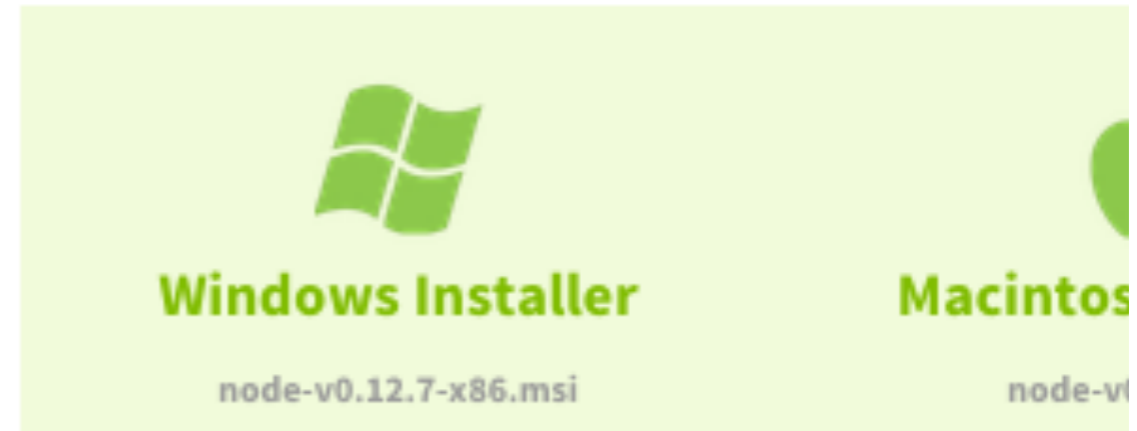


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It's An Adventure To  
Try New things.

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# Installing Node.JS



[nodejs.org/download](http://nodejs.org/download)

Choose the right bitness.

Windows Installer (.msi)

32

Windows Binary (.exe)

32

Mac OS X Installer (.pkg)

Mac OS X Binaries (.tar.gz)

32

Linux Binaries (.tar.gz)

32

SunOS Binaries (.tar.gz)

32

Source Code

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# Installing iisnode

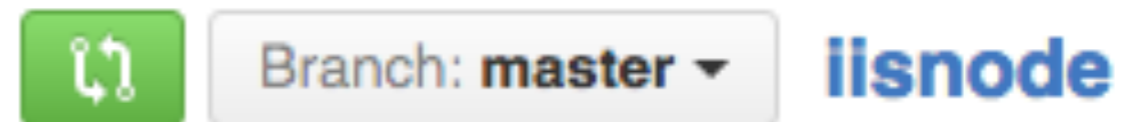
github.com/Azure/  
iisnode

Set permissions.



Hosting node.js applications in IIS

399 commits



This branch is 3 commits ahead of tjancz

Merge pull request #28 from tjanczuk/ma

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# Running Node Examples.

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# Setting Up The Config

web.config

iisnode.yml

References at the end of  
the slide deck.

```
<configuration>
  <system.webServer>

    <!-- indicates that the hello.js file is a
    to be handled by the iisnode module -->

    <handlers>
      <add name="iisnode" path="hello.js" verb=
    </handlers>

    <iisnode
      nodeProcessCommandLine=""%programfiles%\n
      interceptor=""%programfiles%\iisnode\inte
      node_env=""%node_env%"
      nodeProcessCountPerApplication="1"
      maxConcurrentRequestsPerProcess="1024"
      maxNamedPipeConnectionRetry="100"
      namedPipeConnectionRetryDelay="250"
      maxNamedPipeConnectionPoolSize="512"
      maxNamedPipePooledConnectionAge="30000"
      asyncCompletionThreadCount="0"
      initialRequestBufferSize="4096"
      maxRequestBufferSize="65536"
      watchedFiles="*.js;iisnode.yml"
      uncFileChangesPollingInterval="5000"
      gracefulShutdownTimeout="60000"
```

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# Ports & Pipes

process.env.PORT

Named Pipes

```
var express = require('express');
var app = express();

app.get('/', function (req, res) {
  res.send('Hello World!');
});

var server = app.listen(3000, function () {
  var host = server.address().address;
  var port = server.address().port;

  console.log('Example app listening on %s:%s', host, port);
});
```

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# Troubleshooting.

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# References

This presentation in Blog format: <http://blog.hostek.com/blog/vps-hosting/node-js-applications-on-windows-iis/>

Steps for installing node.js on windows:  
<https://wiki.hostek.com/Node.js>

YML Config: <http://tomasz.janczuk.org/2012/05/yaml-configuration-support-in-iisnode.html>

JavaScript  
<http://eloquentjavascript.net>



Be  
adventurous.

Thank You.

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