

Node, WebMatrix and Azure

Easy, UI-based and powerful.

Who?

- Niels Robin Aagaard
 - @nielsrobin
 - github.com/nielsrobin
- Background
 - Head of IT @ Trollbeads
 - Technology enthusiast
 - Whiskey lover



Why?

nodeJS



- Free (*)
- Easy deployment
- IDE friendly development
- Fast



```

1  var _ = require('underscore');
2  var account = {};
3
4  function make(socket, model, version) {
5      require('./admin.js').make(socket, model, account);
6
7      socket.emit("version", version);
8      account.version = version;
9
10     socket.on('login', function (player) {
11         console.log(player);
12         model.player.findOne().where('email', player.email)
13             function (err, player) {
14                 if(player.password == player.password) {
15                     player.password = "";
16                     socket.emit("login", player._id);
17                 }
18                 else socket.emit("error", { type: "login", msg:
19             }
20         );
21     });
22
23     socket.on('create-player', function (player) {
24         model.player.find().where('email', player.email).ex
25         function (err, players) {

```

Thanks for flying Vim — Vim — bash — 92x30

```

ster) mdw$ git remote -v
ster) mdw$ git remote add github git@github.com:mdw/git_preso.git
ster) mdw$ git push github master
.
to 2 threads.
(38/38), done.
(41), 294.06 KiB, done.
l 0 (delta 0)
preso.git

```

C:\Users\nra\Dropbox\Apps>cd ..

C:\Users\nra\Dropbox>cd Projects\node-agod

C:\Users\nra\Dropbox\Projects\node-agod>node app.js

```

info - socket.io started
running...
debug - client authorized
info - handshake authorized EDDsRopaKncUyXb3uQ
debug - setting request GET /socket.io/1/websocket
debug - set heartbeat interval for client EDDsR
debug - client authorized for
debug - websocket writing 1::
debug - websocket writing 5:::{"name":"version"
info - transport end (undefined)
debug - set close timeout for client EDDsRopaKnc
debug - cleared close timeout for client EDDsRop
debug - cleared heartbeat interval for client E
debug - discarding transport
debug - client authorized
info - handshake authorized J6d0AxsUr0l1RqYpuQ
debug - setting request GET /socket.io/1/websocket
debug - set heartbeat interval for client J6d0A
debug - client authorized for
debug - websocket writing 1::
debug - websocket writing 5:::{"name":"version"
info - transport end (undefined)
debug - set close timeout for client J6d0AxsUr0
debug - cleared close timeout for client J6d0Axs
debug - cleared heartbeat interval for client J
debug - discarding transport
debug - client authorized
info - handshake authorized 4hGGDb2HNMOaJ8bGuQ
debug - client authorized
info - handshake authorized _03ayGCr6MRE8LI3uQ
debug - client authorized
info - handshake authorized I6kSjRrMo1ujXmNBuQ
debug - client authorized
info - handshake authorized XqxLLC18Tyaj64pbuQ

```

C:\Windows\system32\cmd.exe - mongod

```

Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\nra>cd Dropbox\Projects\mongodb-win32-x86_64


C:\Users\nra\Dropbox\Projects\mongodb-win32-x86_64>mongod --help for help and startup options
Tue Mar 19 09:16:35 [initandlisten] MongoDB starting
h=/data/db 64-bit host=DT27
Tue Mar 19 09:16:35 [initandlisten] db version v2.6.1
Tue Mar 19 09:16:35 [initandlisten] git version: 5f46a2f18e3



```

Create and deploy

- Create new project (WebMatrix)
- Create new website (Azure)
- Publish from WebMatrix to Azure

<http://www.windowsazure.com/en-us/develop/nodejs/>

 Windows Azure

 PORTAL

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overview services ▾ developer centers ▾

Dette indhold er i øjeblikket kun tilgængeligt på engelsk. Vi beklager ulejligheden.

NODE.JS DEVELOPER CENTER

Microsoft®

WebMatrix 2

Building apps for Windows Azure with WebMatrix


Microsoft WebMatrix is a lightweight IDE that takes your Node.js development experience to the next level. Like Coffeescript, Jade, and Less?




[Check out WebMatrix 2](#)

Create your first Node.js app

Deploy in seconds using Git with Windows, Mac, or Linux. And it's free.

[learn more](#) ➞





Tutorials and Resources

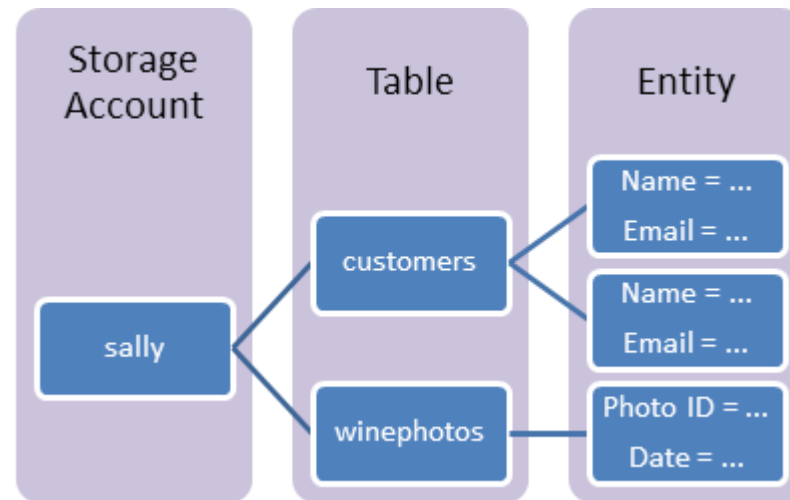
Reference Docs

Blob Service / REST

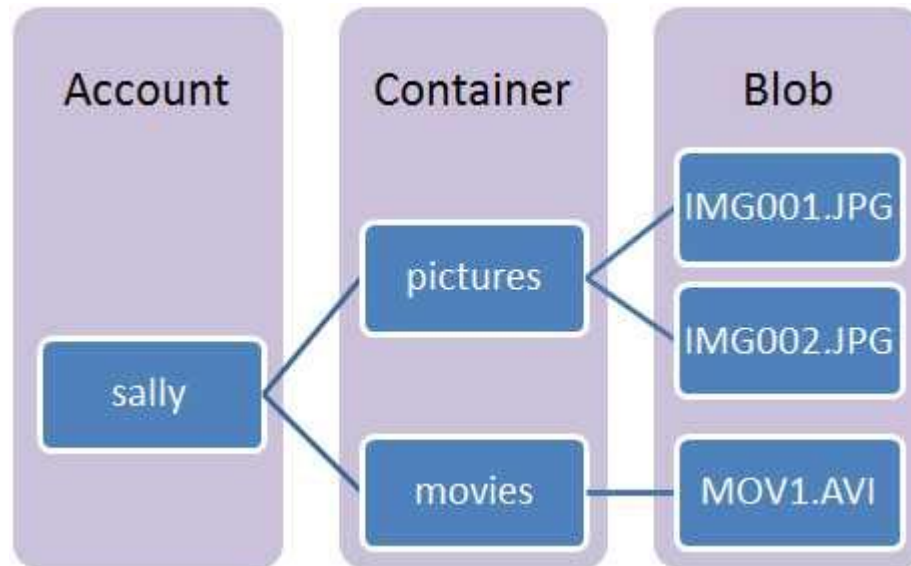
CDN

Table Services

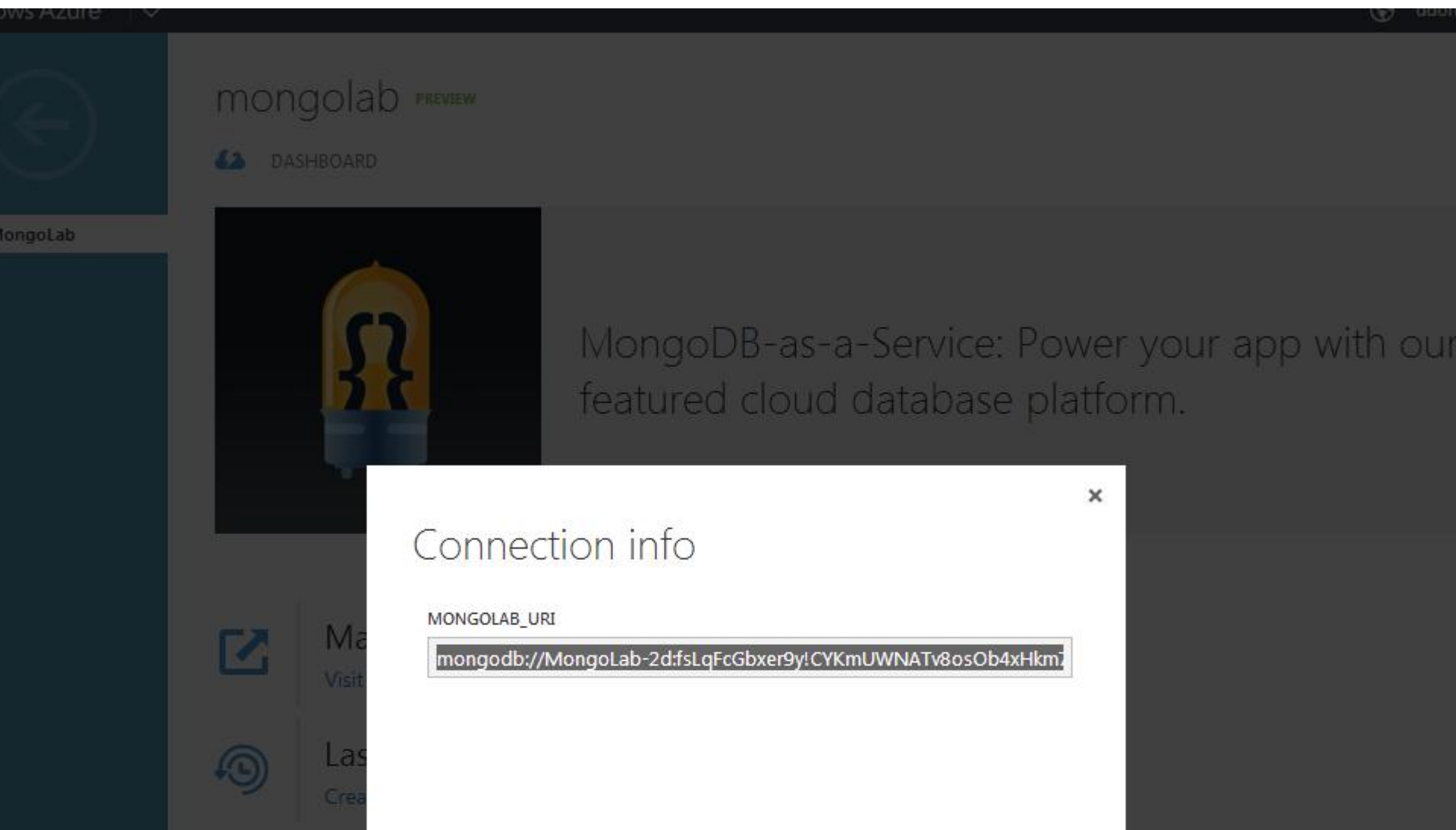
- Stores key/value pairs



Blob Services?



Azure and MongoDB



The screenshot shows the Mongolab dashboard interface. At the top, the 'mongolab' logo is followed by a 'PREVIEW' tag. Below this is a 'DASHBOARD' link with a user icon. The main content area features a large illustration of a lightbulb with a MongoDB logo inside, and a text block that reads: 'MongoDB-as-a-Service: Power your app with our featured cloud database platform.' A modal window titled 'Connection info' is open in the foreground, displaying the 'MONGODB_URI' and a corresponding connection string.

mongolab PREVIEW

DASHBOARD

MongoLab

MongoDB-as-a-Service: Power your app with our featured cloud database platform.

Connection info

MONGODB_URI

mongodb://MongoLab-2d:fsLqFcGbxe9y!CYKmUWNATv8osOb4xHkm7

Azure and Dropbox?



Azure and Github?



- Would you use WebMatrix?
- Have I convinced you that Azure is worth looking into?



- Niels Robin Aagaard
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 - github.com/nielsrobin



Shortened urls

- <http://bit.ly/cphjsa> Basic
 - <http://bit.ly/cphjsb> Tables
 - <http://bit.ly/cphjsd> Dropbox/Mongo
 - <http://bit.ly/cphjsf> Github
-
- <http://cphjs0X.azurewebsites.net/>