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

Microsoft WebMatrix
Small Simple Seamless

Windows Azure

=

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

tasks.txt | app.js | admin.js | conne

```
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) {
```

C:\Windows\system32\cmd.exe

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

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

C:\Users\nra\Dropbox\Projects\node-agod>node app.j
   info  - socket.io started
running...
   debug - client authorized
   info  - handshake authorized EDdSropaKncUyXb3uQ
   debug - setting request GET /socket.io/1/websoc
   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 EDdSropaKn
   debug - cleared close timeout for client EDdSro
   debug - cleared heartbeat interval for client E
   debug - discarding transport
   debug - client authorized
   info  - handshake authorized J6dOAxsVrOl1RqYpuQ
   debug - setting request GET /socket.io/1/websoc
   debug - set heartbeat interval for client J6dOA
   debug - client authorized for
   debug - websocket writing 1::
   debug - websocket writing 5:::{"name":"version"
   info  - transport end (undefined)
   debug - set close timeout for client J6dOAxsVrO
   debug - cleared close timeout for client J6dOAx
   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 XqxLLCl8Tyaj64pbuQ
```

Thanks for flying Vim — Vim — bash — 92×30

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

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

```
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation.  All rig

C:\Users\nra>cd Dropbox\Projects\mongodb-win32-x86

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

Create and deploy

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

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

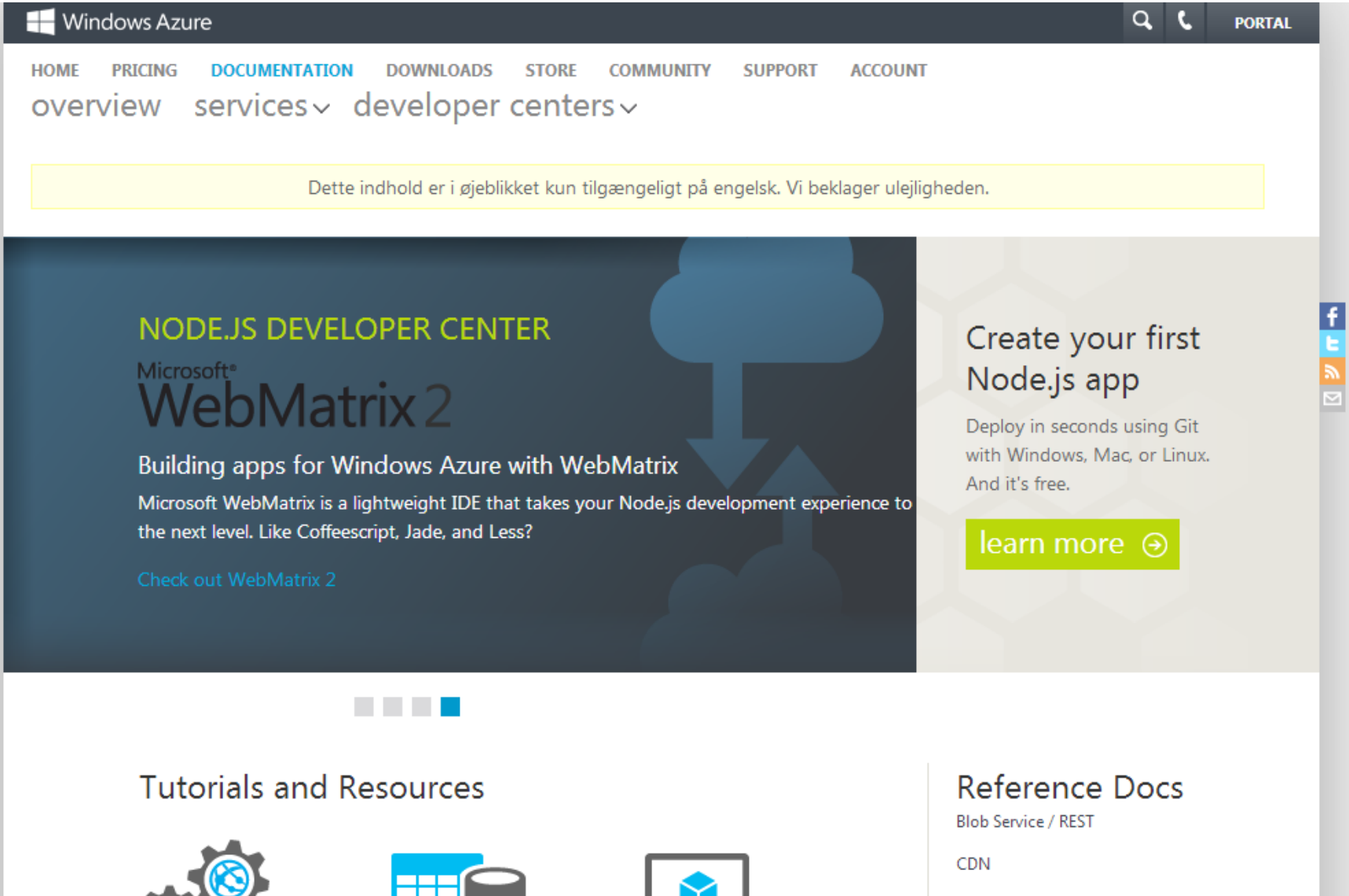
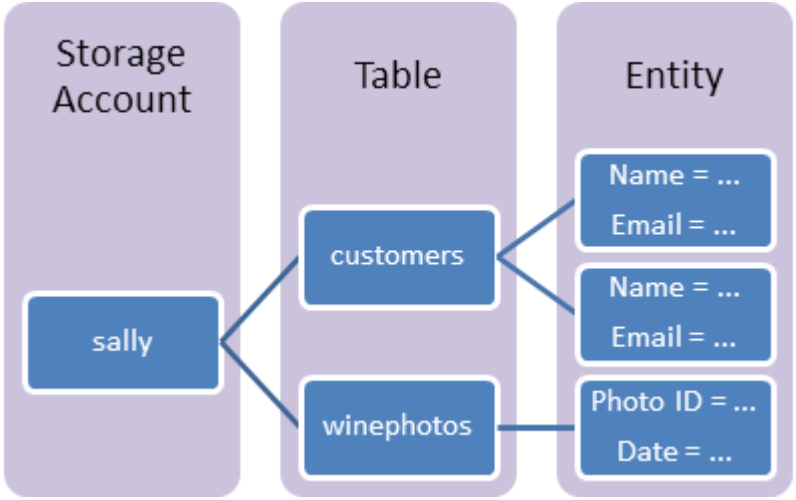
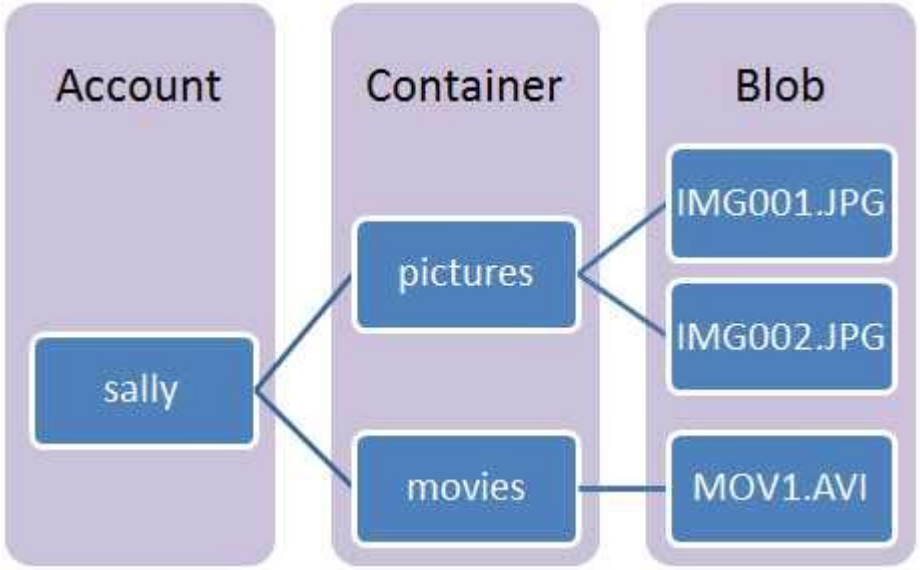


Table Services

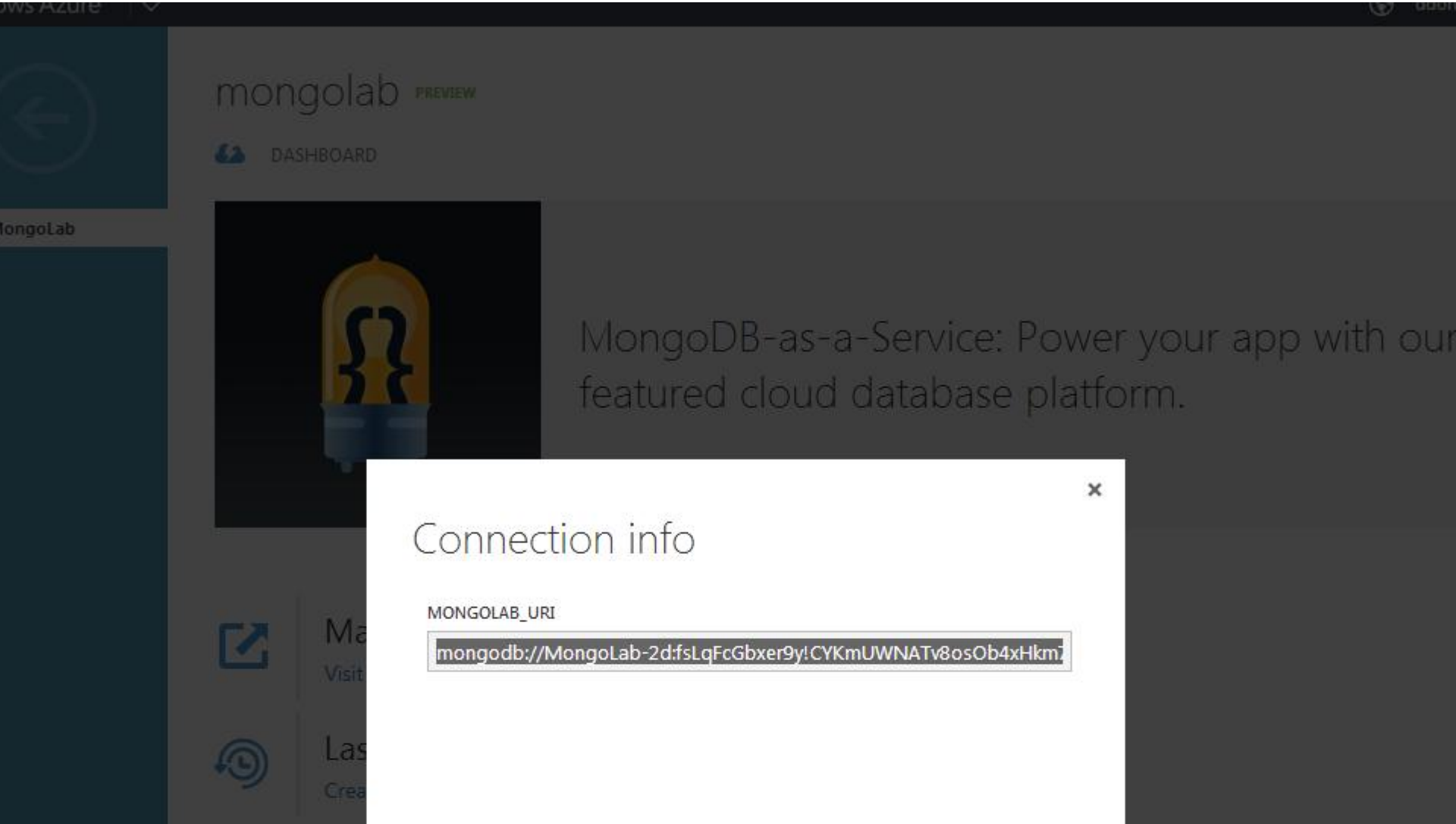
- Stores key/value pairs



Blob Services?



Azure and MongoDB



Azure and Dropbox?

Azure and Github?

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

- Niels Robin Aagaard
  - @nielsrobin
  - github.com/nielsrobin

Shortned 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/