

# POWERED BY IONIC

## A PRIMO DEMO APP

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**What we will  
cover today.**



# AGENDA

Primo REST webservice

Proxy to avoid CORS/mapping table issues

Installation of Ionic and dependencies

Create a new Ionic primo demo app

Add controller logic to primo demo app

Generate icons and splash screens for primo demo app

Build and emulate app





# WORK WITH YOUR DATA

If you want to work with your data today, then add **95.85.59.187** in your Primo WS and XS mapping tables.

This is address for [proxy.masudk.com](http://proxy.masudk.com) which is a simple node.js application proxying single level data to avoid CORS issues

To test the proxy, try:

[http://proxy.masudk.com/proxy?url=http://YOUR\\_URL](http://proxy.masudk.com/proxy?url=http://YOUR_URL)





# PROXY

Both proxy.js and package.json will be available in the server folder of the primo-demo app at GitHub.

Just put it on your server, install node.js and npm. Then in the folder, run

```
npm install
```

which will install the packages as specified in package.json.





# PRE-REQS

Have node installed

```
node -v (on some unix systems, try nodejs -v)
```

Have npm installed

```
npm -v
```

Install Cordova

```
npm install -g cordova
```





# PRE-REQS

Install Ionic CLI

```
npm install -g ionic
```

Check ionic version and info

```
ionic -v, ionic info
```





# PRIMO-DEMO APP

Let's create a new app

```
ionic start primo-demo blank
```

where blank is the template name. There are many starter templates, including tabs, maps, sidemenu, etc.

Serve the primo-demo app

```
cd primo-demo
```

```
ionic serve
```





# PRIMO-DEMO APP

Add platform support to your app

```
ionic platform add ios
```

```
ionic platform add android
```





# PRIMO-DEMO APP

Build and emulate your app

```
ionic build ios
```

```
ionic emulate ios --target="iPhone-6"
```

You will likely need to install ios-sim

```
npm install -g ios-sim
```





# PRIMO-DEMO APP

Let's start doing some development

Two key files are:

```
primo-demo/www/index.html
```

```
primo-demo/www/js/app.js
```

Let's modify these files

1. Change title of app in index.html.
2. Change name of angular module in app.js.





# PRIMO-DEMO APP

4. Define a new controller and inject \$scope service.
5. Read the scope in the view by assigning the controller to the view and using the ng-repeat directive.
6. Improve the look and feel of the list.
7. Inject the \$http service.
8. Define the proxyUrl, baseUrl, and params.
9. Add Infinite scrolling.
10. Develop a stop criteria for infinite scrolling.
11. Add creator, contributor, date and link details to list items.





# PRIMO-DEMO APP

12. Add the InAppBrowser plugin.

```
cordova plugin add cordova-plugin-inappbrowser
```

13. Override the window.open function.

14. Prettify the list by adding a thumbnail image of a book or a journal. Explain the issue with @TYPE.

15. Generate icons and splash screen.

16. Build and Emulate.





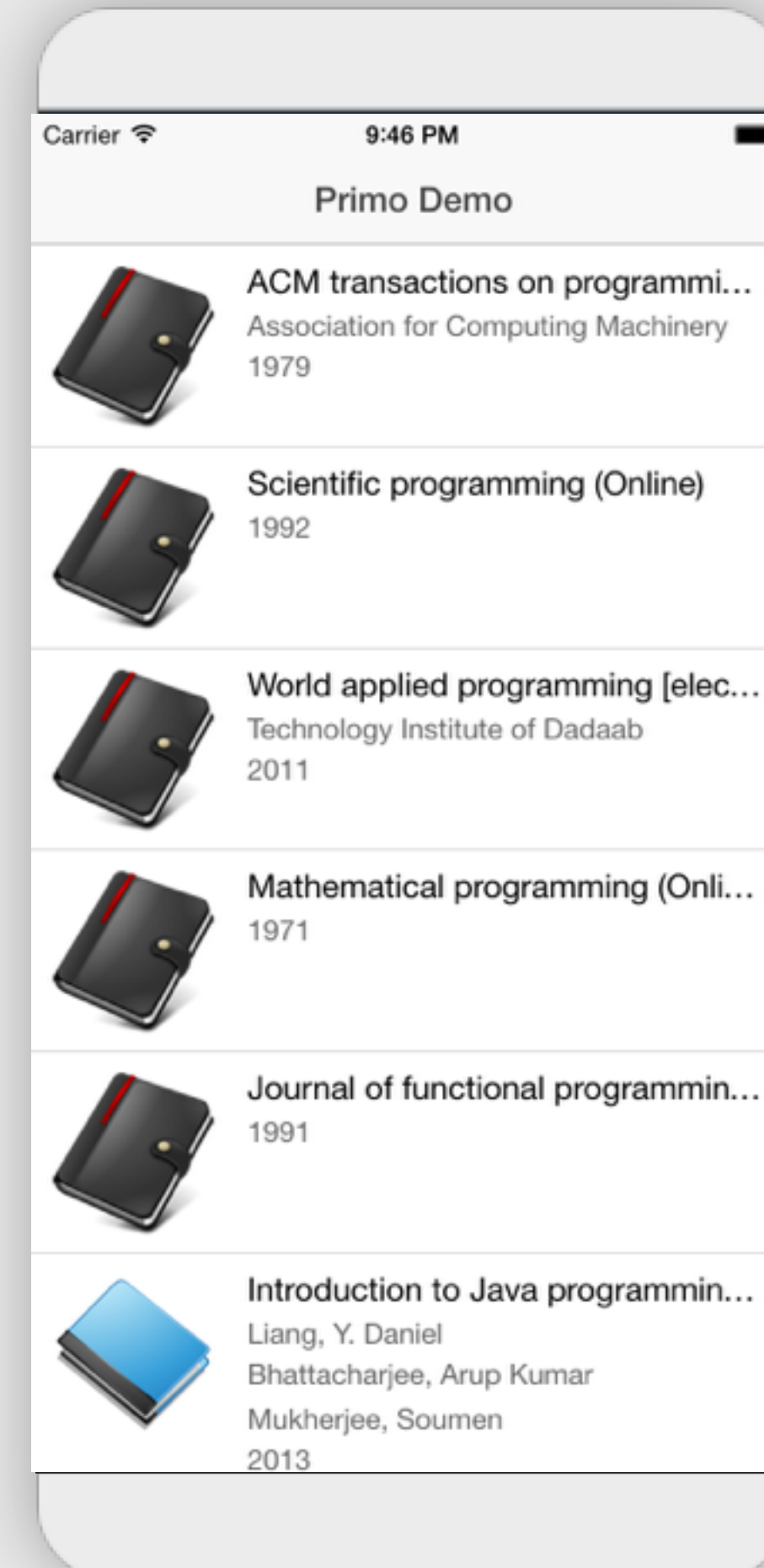
# FINAL PRODUCT

APP

primo-demo

WHEN

Developers Day at  
IGeLU15





# Questions