POWERED BY IONIC
A PRIMO DEMO APP

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What we will cover today.
AGENDA

- Primo REST webservices
- 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
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 which is a simple node.js application proxying single level data to avoid CORS issues.

To test the proxy, try:

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.
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`
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
Add platform support to your app

ionic platform add ios
ionic platform add android
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
```
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.
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.
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