IBM API CONNECT

Bringing awesome to your APIs

GAME PLAN

➤ What in the heck is IBM API Connect? (And what are we covering today?)

➤ How can I get it?

➤ How can I use it?

➤ Where do I learn more and ask for help?

IBM **API** Connect

Create

Run

Secure

Manage

CREATE

➤ You can create APIs via the UI or CLI

➤ You can import existing APIs

➤ You can mashup APIs

RUN

➤ Ability to test APIs

➤ Language help provided (Java, Node, PHP, Curl, and more)

MANAGE

➤ Take a set of APIs and define a "product"

➤ Create and manage a complete developer portal (docs + testing)

➤ Deep analytics (what APIs are being used and how often)

SECURE

➤ Define how people login

➤ Define when they must login

➤ Set up rate limits

LETS DO IT!

PRE-REQ

➤ Install npm (Node Package Manager)

➤ Easiest way is to install Node

➤ At command prompt/terminal, type npm
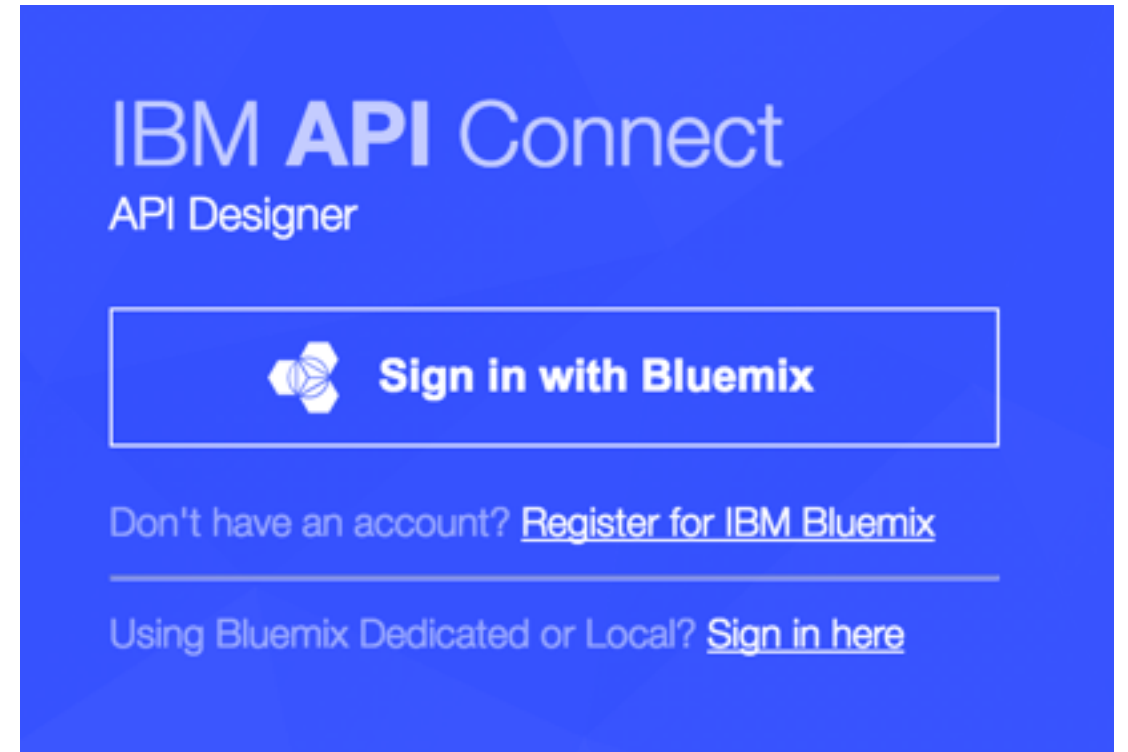
```
npm install -g apiconnect
```

LOOPBACK

➤ A Node.js framework built on Express

➤ Focused on creating REST-based APIs

  ➤ Complete CRUD + Search

  ➤ Server-side ORM-like

➤ Model-based approach

➤ Security support

➤ Lots, lots, more (like lots of lots)

➤ http://loopback.io

DEMO

➤ Create a new application

➤ Launch the API Designer

➤ Test the API

➤ Add our own API

➤ Create + Run

FYI - BLUEMIX

➤ Platform as a Service solution

➤ Does lots and lots and lots of stuff (my marketing, not IBM)

➤ https://console.ng.bluemix.net/registration/

FYI – DESIGNER HELP

Draft APIs
_____

This page lists all of your draft APIs.

To create an API, click 'Add'. You can compose an API by specifying its details in the user interface or by importing an existing OpenAPI (Swagger) definition file.

Before your APIs become available to developers, you must include them in a Product; you can do this in the Products tab.

To view and edit the configuration of an API that you have added, click the API.

Got it!

Learn more about draft APIs

CREATING A LOOPBACK APP

➤ Reminder - this isn't required

➤ `apic loopback`

TESTING THE APIS

➤ Explore menu

➤ Sample code provided as well as a browser-based testing

➤ https issues to watch out for...

{"name":"PreFlowError","message":"unable to process the request"}

ADDING NEW APIS

➤ Visual via the editor

➤ CLI

ADDING NEW APIS VIA SWAGGER

➤ You can import via Swagger files or URLs

➤ To the demo!

WRAP UP

➤ Docs: https://developer.ibm.com/apiconnect/doc/

➤ Getting Started: https://developer.ibm.com/apiconnect/getting-started/

➤ Blog: https://developer.ibm.com/apiconnect/blog/

➤ Intro videos: https://developer.ibm.com/apiconnect/2016/06/02/introducing-the-api-connect-getting-started-video-series/

➤ HOL at <u>ibm.biz/apichol</u>

THANK YOU!

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