Composer Overview

Discount Coupon Links to UDEMY courses:



https://www.udemy.com/hyperledger/?couponCode=DKHLF109



ttps://www.udemv.com/ethereum-dapp/?couponCode=DKETH1099



https://www.udemy.com/rest-api/?couponCode=DKRST1099



mentoring, seeking Blockchain part time work, project guidance, advice

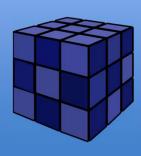
This deck is part of a online course on <u>"</u>Hyperledger Fabric Development with Composer"

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🧊 @acloudfan

http://ACloudFan.com



Introduction to Composer

Learning Objectives:

http://www.ACloudFan.d

- What is Fabric Composer?
- Why use Composer?
- High level overview

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http://ACloudFan.com





Open Development Toolset

Creation and Management of Business Network Apps

- Reduced time to value
- http://www.ACloudFan.com Hides the complexity of the underlying infrastructure
- Business modeling capability
- Javascript for coding of transactions



Open Development Toolset

Creation and Management of Business Network Apps



Tools for Dev/Architects



Tools for Operations

http://www.AC



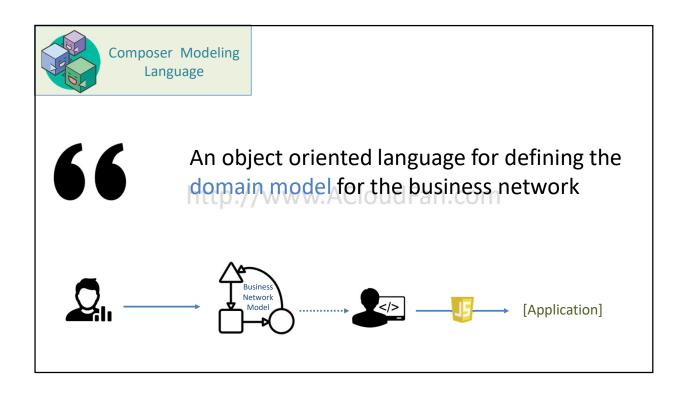
Tools for Administrators

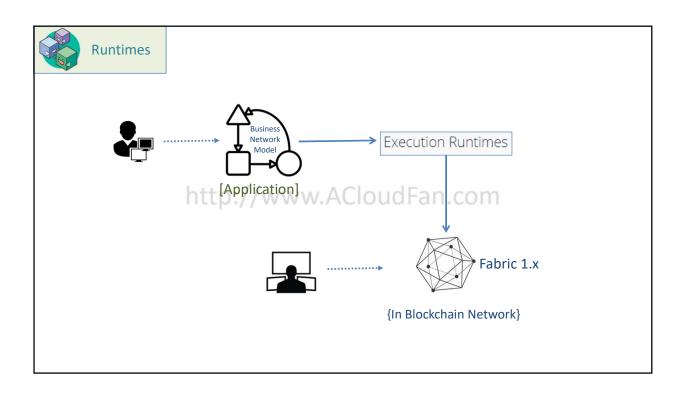


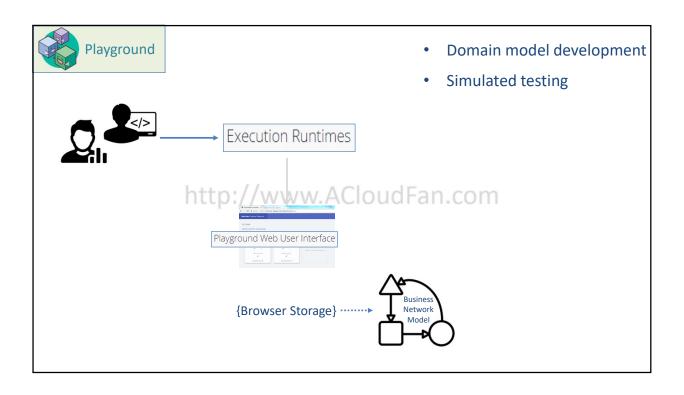
Tools for Business Analyst

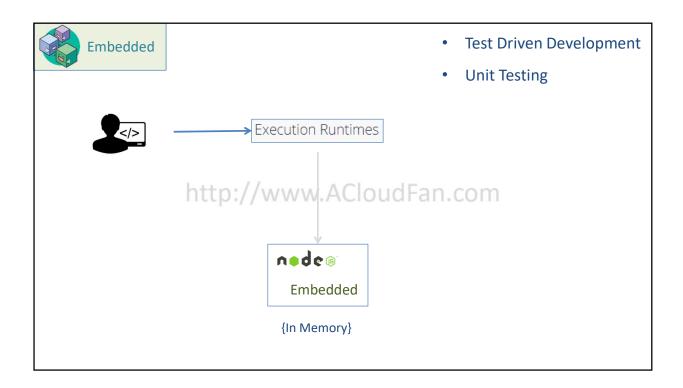


Composer Runtime

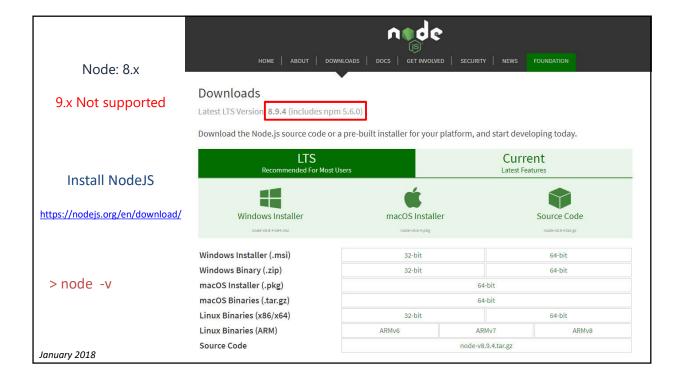














• Supports installation of multiple node versions on the machine

http://www.ACloudFan.com



Originally developed for MacOS



• Available on windows (not from same developers)

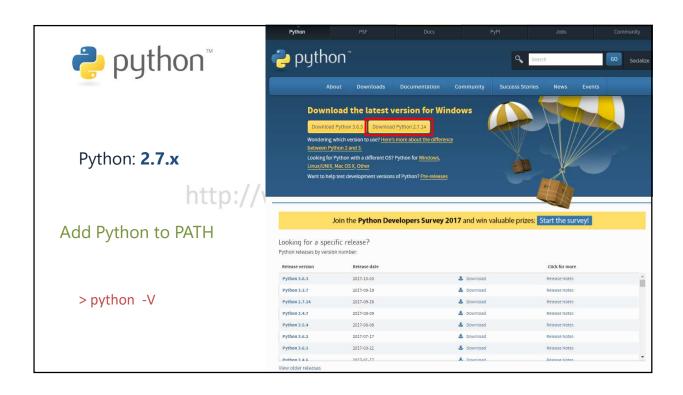
Link is in the resources

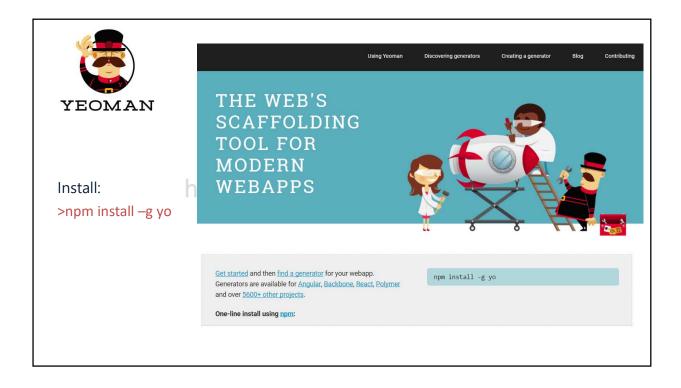


git: **2.9.x** or higher O.// Installation instructions:

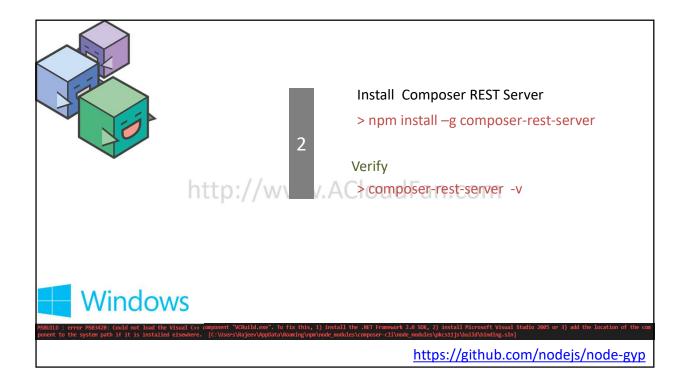
https://www.atlassian.com/git/tutorials/install-git

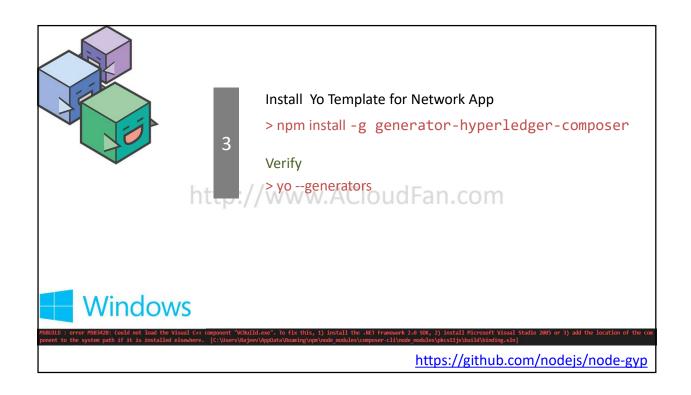
> git --version

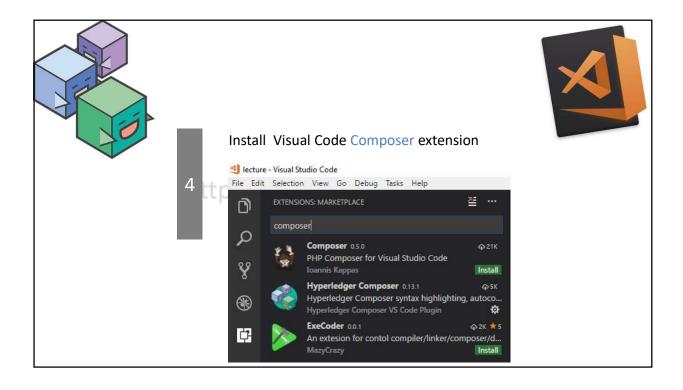


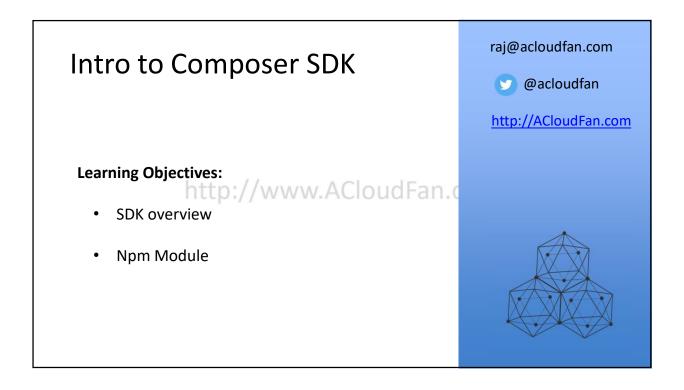


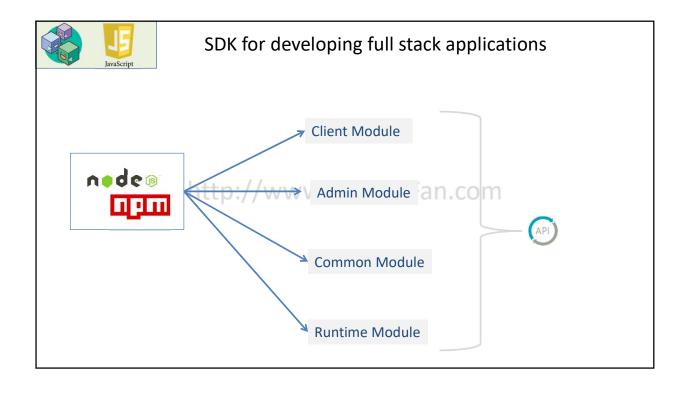


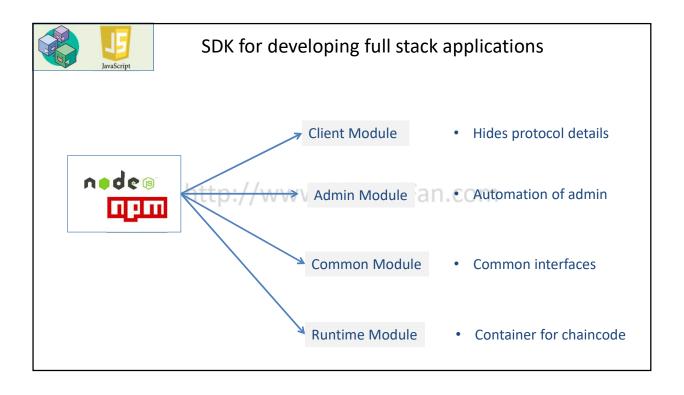


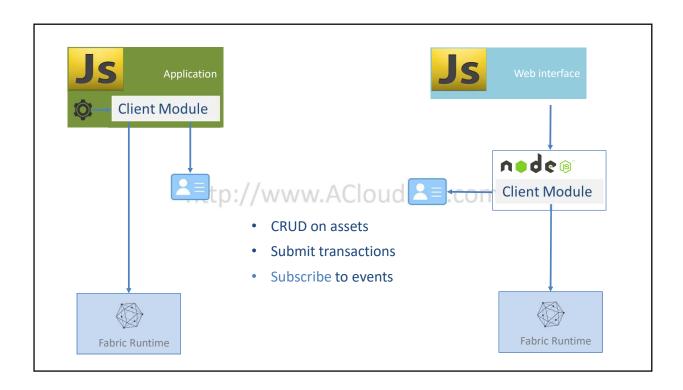


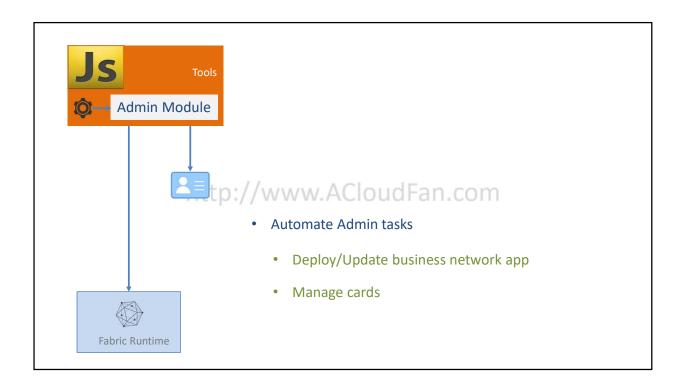


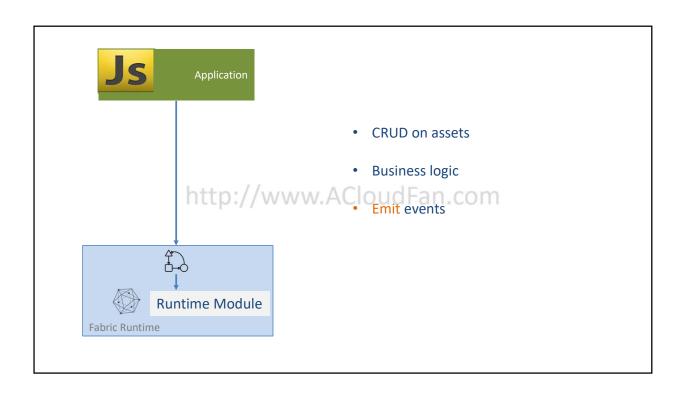


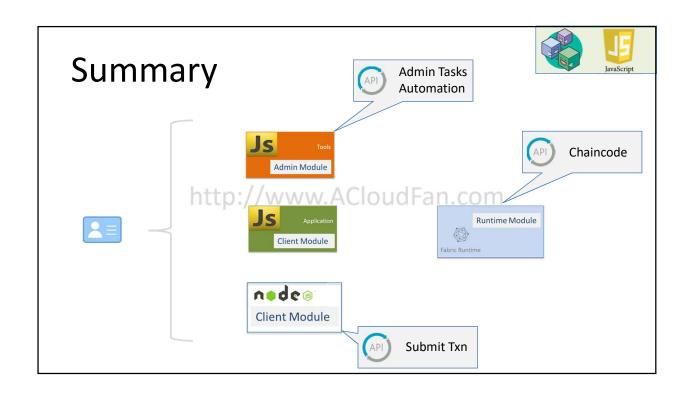


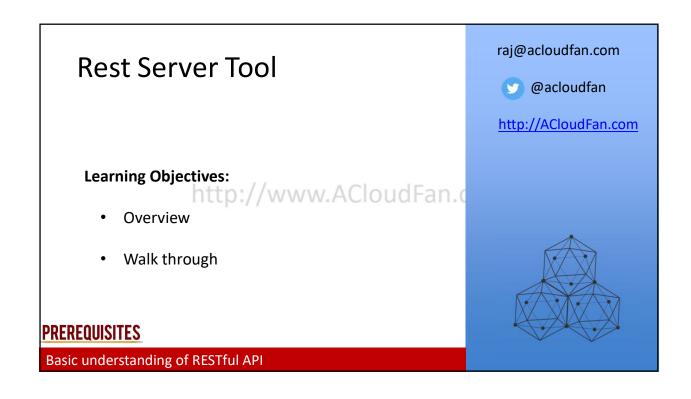










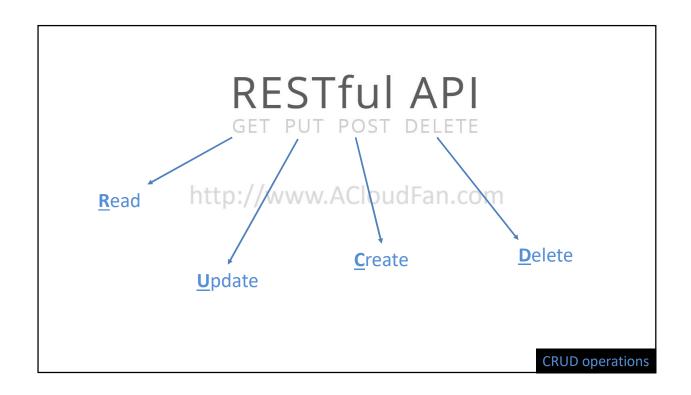


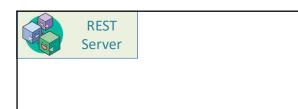
RESTful API

- A set of constraints http://www.ACloudFan.com
 - A set of design practices

RESTful API

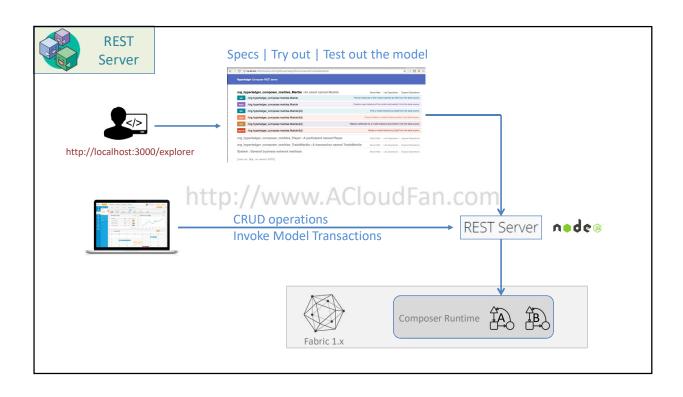








Standalone NodeJS process that exposes the business network (*Resources*) as REST API.







Interactive mode

```
> composer-rest-server
? Enter the name of the business network card to use: admin@test-bna
? Specify if you want namespaces in the generated REST API: always use namespaces
? Specify if you want to enable authentication for the REST API using Passport: No
? Specify if you want to enable event publication over WebSockets: No
? Specify if you want to enable TLS security for the REST API: No
```

+ config parameters for serving the API



- Easy access to the Network resource specifications
- Developers can use it for: http://www.ACloudFan.com
 - Explore
 Testing
 Visibility into transactions
- . Analization and cuilling devolution O. Francks mediately
- Application code will be simpler & Easy to maintain

