Blockchain Made Simple: No-Code Apps with Hyperledger Fabric and Joget

Hyperledger Fabric and Joget

Making it easy to create blockchain application using

Hyperledger Fabric and Joget
Blockchain Adoption

Is Blockchain adoption a technical problem or business problem?
Blockchain **Adoption Barriers**

While blockchain is a great technology, it has its own challenges for adoption across any industry.

- Usage complications
- Resistance to change
- Absence of regulation
- Engagement of multiple parties
- Perception of immaturity

Lack of ability to demonstrate and creating business

*Proof of Concepts*
Acceptance/Adoption of new capabilities and concepts are directly proportional to your ability to demonstrate via Proof of Concept.

CREATE SOMETHING TO SHOW IN ACTION
What is the #1 factor CRITICAL TO ENABLE YOUR TEAMS TO CONSISTENTLY DELIVER AND BE INNOVATIVE
Empowerment is your key to success

All new technologies working towards empowering end-users to leverage technology to accomplish and deliver results

Empower Your Teams
What is a No-Code/Low-Code Platform

No-Code/Low-Code Platforms are platforms that minimize or eliminate the need to code by empowering non-coders or coders by providing visually intuitive buildout capabilities including creating screens and workflow and other views of application.

- Build complete and full-fledged apps, not just processes
- Speed to Market with our simple-to-learn platform
- Deploy and customize ready-made apps from marketplace
- Web-based, drag-and-drop, wizard-style approach to build apps

- Increased efficiency and productivity across enterprises
- Easy to-change and maintain based on enterprise needs
- Improved process control and visibility with SLAs and deadlines
- Reduced Total Cost of Ownership with resources and technology
No-Code/Low-Code for building blockchain applications

**Four major capabilities to build Applications**

- **FORM BUILDER**
  Drag and drop to visually build and configure forms

- **PROCESS BUILDER**
  Drag and drop to visually build and configure process workflows

- **REPORT/DATA VIEW BUILDER**
  Drag and drop to visually build tabular lists and reports

- **USERVIEW BUILDER**
  Drag and drop to build user navigation menu interfaces and app themes
Blockchain Made Simple
No Code Apps with Hyperledger Fabric and Joget
Visually build **Blockchain** applications with **Hyperledger Fabric** and **Joget**

Originally contributed by IBM, Fabric is emerging as the de-facto standard for enterprise blockchain platforms, with commercial implementations and support from major vendors including IBM, Oracle and SAP.

**Download Plugin**

[https://dev.joget.org/community/display/KBv6/Blockchain+Hyperledger+Fabric+Plugins](https://dev.joget.org/community/display/KBv6/Blockchain+Hyperledger+Fabric+Plugins)
Simple steps to **Try Yourself**

**Visually build with Hyperledger Fabric and Joget**

- Ensure that a Hyperledger Fabric network is up and running
- Ensure that an instance of Joget Enterprise Edition is up and running
- Download the Hyperledger Fabric Plugins JAR file, and upload the downloaded jar file through Manage Plugins under System Settings
- Example -- Download the Joget jwa app and import it
- Configure the fabric_host environment variable to point to the appropriate IP/hostname
- Publish the app and access it from the App Center

**Detailed Article**

# Plugin Configuration

**Plugin Configuration - Invoke Fabric Transaction (invoke_transaction)**

- **User ID**: nuser
- **Affiliation**: org1
- **Membership Service Provider (MSP ID)**: Org1MSP
- **User Enrollment**: Existing User
- **Certificate Authority (CA) URL**: http://fabric-host:7054
- **Admin ID**: admin
- **Admin Secret**: ********

**Channel**

- **Peer Name**: peer0.org1.example.com
- **Peer URL**: grpc://fabric-host:7051
- **Orderer Name**: orderer.example.com
- **Orderer URL**: grpc://fabric-host:7050
- **Channel Name**: mychannel
Application View

FABCAR FORM APPROVAL PROCESS - APPROVAL

Key
Make
Model
Colour
Owner

key
make
model
colour
owner

Approval

Status
Remarks

* CAR10
* Mazda
* CX5
* Blue
* Jack

* Approved
Contact Us

Get in touch with us

Want to try out Joget there are plenty of ways to do it
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✓ Cloud
✓ AWS Marketplace
✓ RedHat OpenShift online
✓ Azure – Coming Soon

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THANKS

We are here to support