Build and Deployment DEV Environment

Docker Repo

<<Git>> Source Code Repo

MarkLogic

Deploy MarkLogic

<<pod>> Pull MarkLogic Image

<<pod>> Deploy MarkLogic

<<pod>> Init MarkLogic

Build Application

<<pod>> Pull image source-2-image builder

<<pod>>

Run Builder

Pull Code

Build Image

Push Image

Deploy Application

<<pod>> Init Database Schema and Load Data

<<pod>> Deploy Application

Connect to MarkLogic
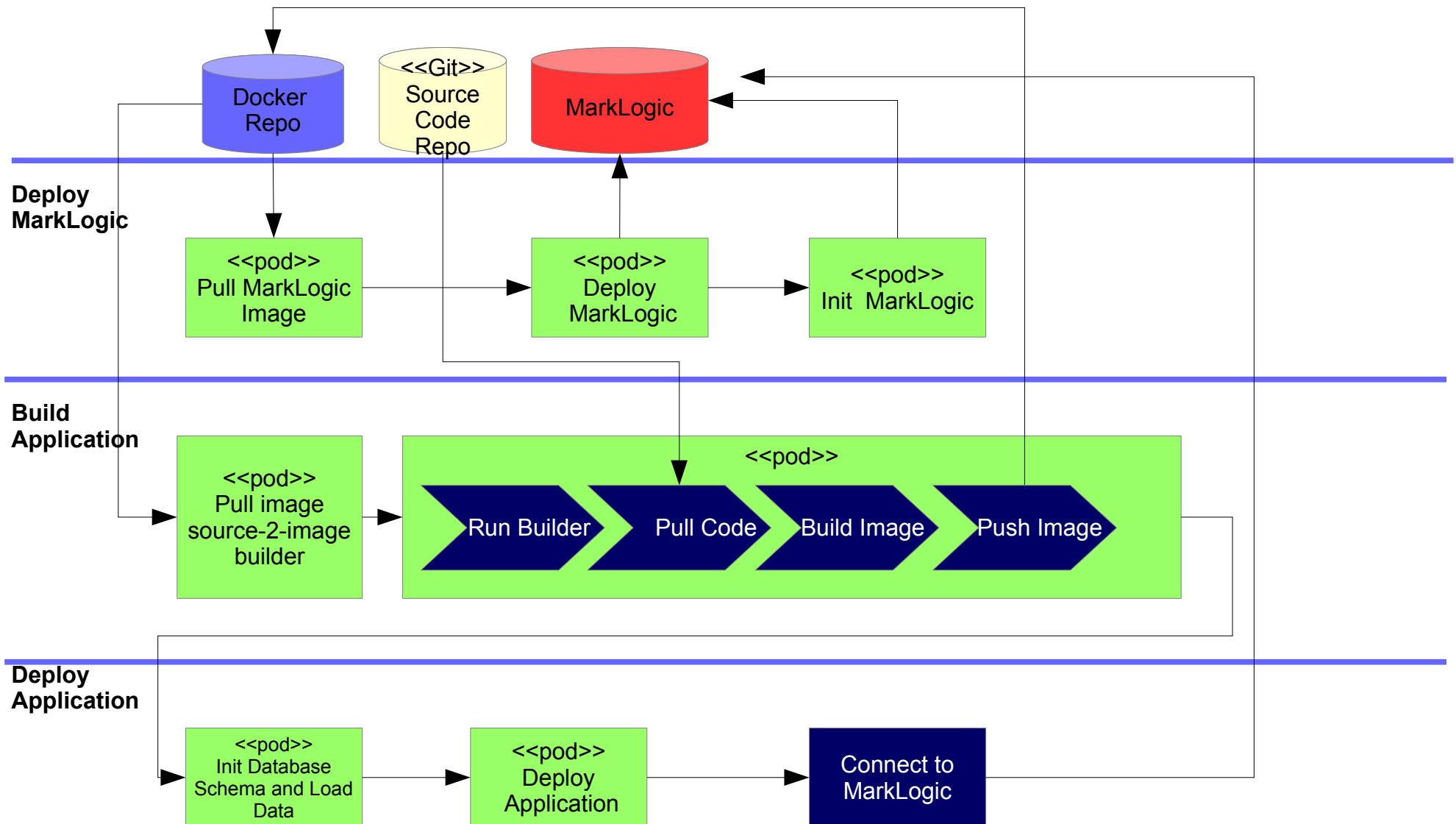
Continuous Integration/
Continuous Deployment

Developer

Pull request

Fork

Merge & Commit

<<Git>>
Source Code
Repo

GateKeeper

Trigger Web Hook

DEV

| Pull Code | → | Build Application Image | → | Push Application Image |

Docker Repo

UAT

Deploy App → Wait For Approval

Pull Image → Deploy App → Testing

Approve

Wait For Approval → Deploy To Production

Approve