

# IBM Functions Component repos

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# Monolith repository

- Pros

- All issues in a single place
- All PRs in a single place

- Cons

- Not easy for new contributors to see what's core vs. what's not
- Not easy for downstream to see user land extension points
- All tests cases could not run in Travis CI (max timeout)
- PR to change single component took full Travis CI time
- PR out of date too often (conflicts)



# Decomposition into repositories

- Main core:
  - Controller
  - Invoker
  - Deploy (ansible)
- Each Component repo:
  - Documentation
  - Tests
  - Travis CI
- Benefits
  - Highly tested components
  - Improve contributor and committer productivity
  - Aligns for efficient Apache releases of OpenWhisk
  - Allows for early experiments without affecting core (i.e. kube, wskdeploy, etc..)

# Apache OpenWhisk Github repositories

## monitored/maintained (27)

openwhisk

openwhisk-performance

openwhisk-client-js

openwhisk-runtime-nodejs

openwhisk-catalog

openwhisk-client-swift

openwhisk-runtime-swift

openwhisk-package-pushnotifications

openwhisk-client-go

openwhisk-runtime-python

openwhisk-package-alarms

openwhisk-podspecs

openwhisk-runtime-java

openwhisk-package-cloudant

openwhisk-utilities

openwhisk-runtime-php

openwhisk-package-kafka

openwhisk-release

openwhisk-apigateway

openwhisk-package-deploy

openwhisk-slackinvite

openwhisk-runtime-docker

openwhisk-deploy-kube

openwhisk-cli

openwhisk-external-resources

openwhisk-website

openwhisk-external-wskdeploy

## experimental/poc (17)

openwhisk-sample-test

openwhisk-devtools

openwhisk-workshop

openwhisk-package-template

openwhisk-tutorial

openwhisk-sample-matos

openwhisk-debugger

openwhisk-client-python

openwhisk-xcode

openwhisk-package-jira

openwhisk-package-rss

openwhisk-GitHubSlackBot

openwhisk-vscode

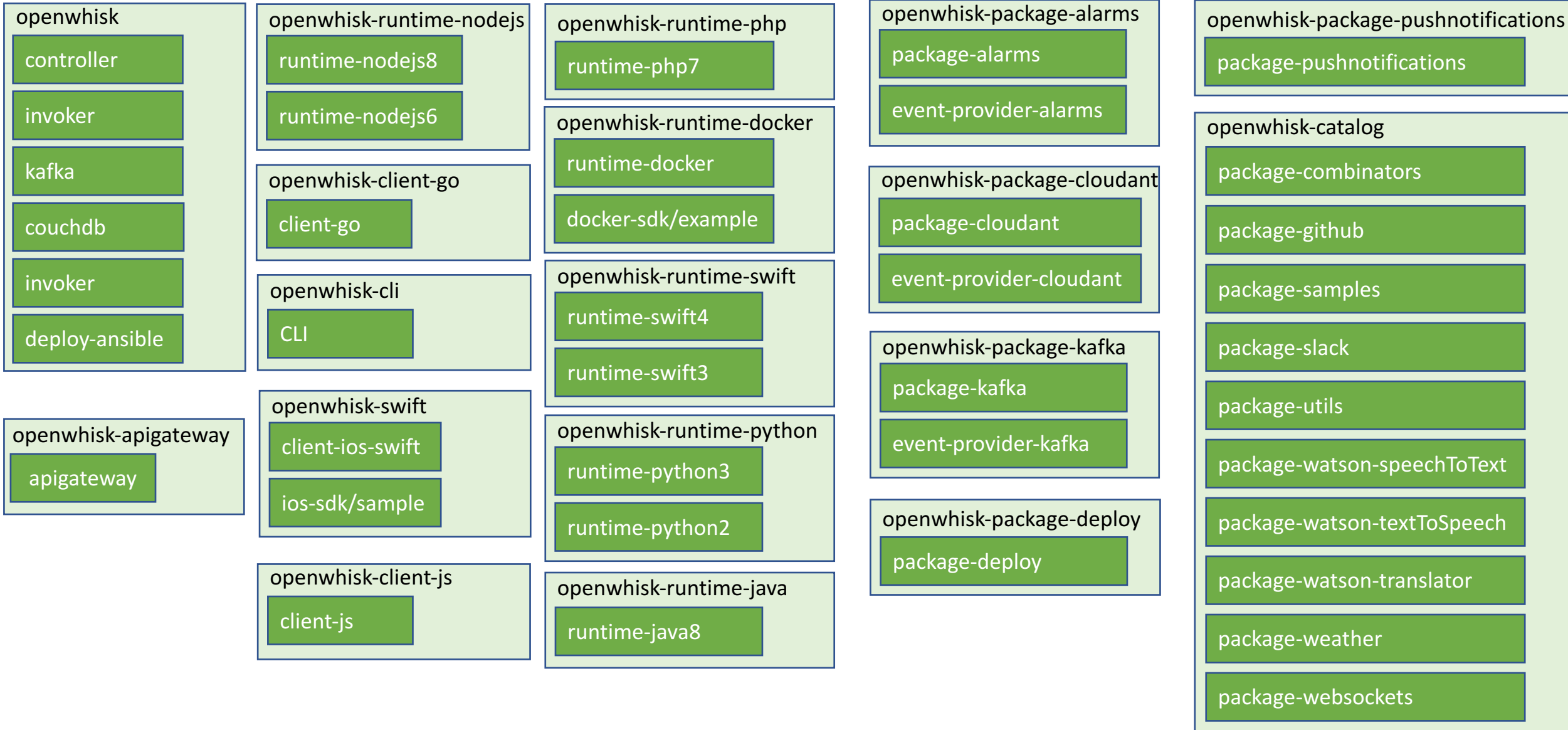
openwhisk-selfserve-test

openwhisk-playground

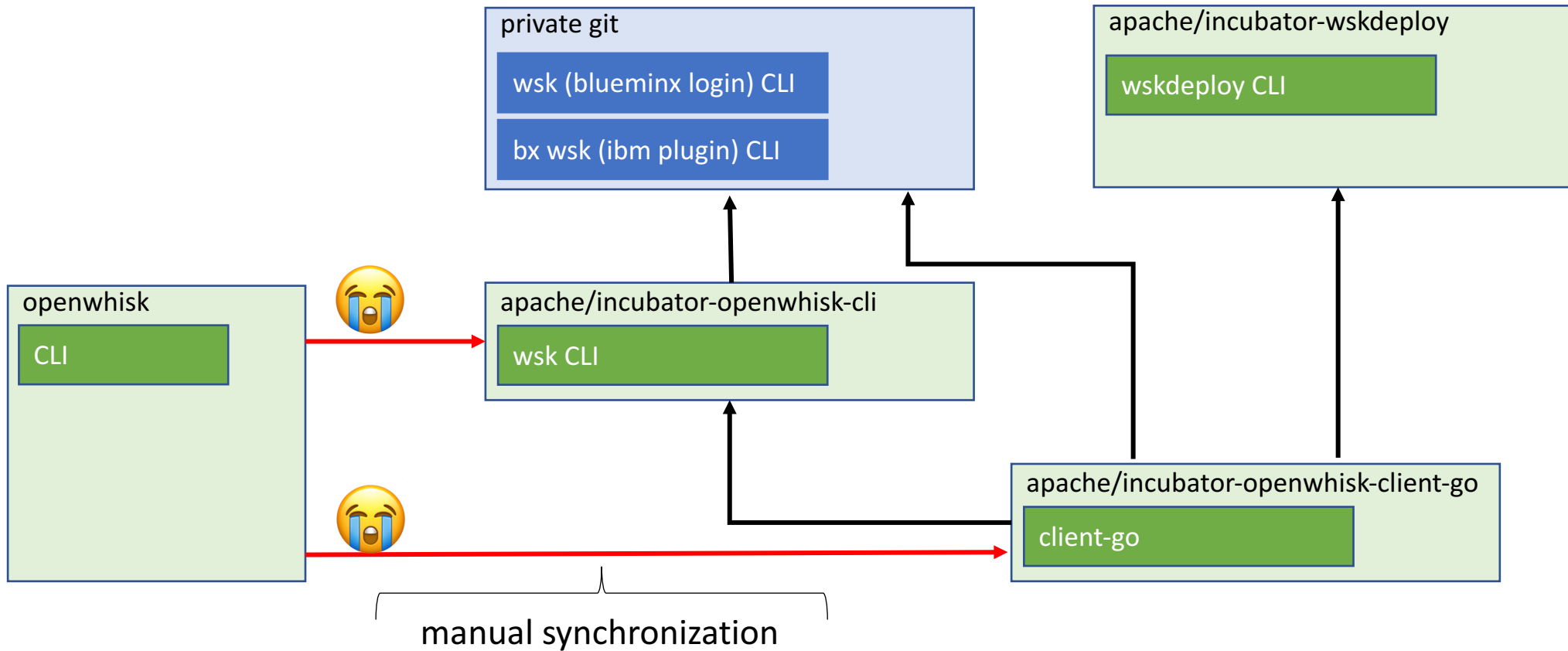
openwhisk-sample-slackbot

openwhisk-deploy-mesos

# Apache OpenWhisk Components in IBM Functions



# IBM Functions CLI



# IBM Functions CLI

