



Meeting notes

Saturday November 23, 2019

Presentation

- Intro (Madison/Chance)
 - Sponsor
 - Project
- Who (Madison/Chance)
 - Who is our user/customer?
 - general character
 - pain points
- What (Madison/Chance)
 - manual process
 - CNAB Explanation
 - plugin written to hold data

- objective statement
- How (Grant/Gabe/Dan)
 - Goals → UML and/or Sequence Diagrams
 - Dashboard - Vuetify
 - GoLang backend, cloud plugin
 - What we plan to accomplish - demo (Chance)
- Why (Chance during demo)
 - So what?
 - DevOps & SysAdmins save time
- How/Administrative (Madison/Gabe/Dan)
 - Project management
 - scheduling, changes (risk), budget

Friday November 15, 2019 (11 AM)

- Follow-up:
 - Go workshop with Taylor
- Presentation
- Next week: Lucid Chart UML

Friday November 8, 2019

- Project Demo
 - Use Chance's Node.js file
 - Greps through the local files
 - Produces dashboard
- Design

- UML - verify with sponsor (recommends Lucid chart)
 - Front end
 - Back end
- Mockup of the dashboard
- Modifications on Project Definition Document
 - Read over to clarify scope

Friday November 1, 2019

Finish Project Definition Document

- See word doc from LS for details

If there is time:

- Start thinking of what the demo might be
 - Create actionable items

Monday October 28, 2019

Notes

📌 Slides at <https://porter.sh/cnab-unpacked/#1>

CNAB solves the gap of the unspoken things about deploying an app (versions, environment variables, config files...)

Make the dashboard reusable for Docker-app or Porter or Duffle

Where do we feed data from? could be multiple places such as cloud, filesystem, other data stores.

- Vetted bundles (Azure access)
<https://github.com/deislabs/porter/tree/master/examples>
- Bundles we can play with *locally* (ascii art & hello-lama)
<https://github.com/deislabs/porter/tree/master/workshop>

Action Items

Take Go Course :<https://app.pluralsight.com/library/courses/getting-started-with-go>

@Madison Robertson @Gabe Coelho @Chance Murray @Dan Kindt @Grant Perdue

Friday October 25, 2019

Participants

Madison R

Grant P

Chance M

Gabe C

David C

Updates

- (dcarr) I will be out of the country November 2-24 and unable to attend meetings but I will stay engaged with the project via slack.
- (dcarr) I have a single-node kubernetes cluster on a public server available for team use if you want to practice deploying bundles, etc in case you cannot or don't want to run kubernetes on your localhost machine. If you want access just DM me and I'll set up a namespace for you on the cluster. If the bundles you are trying to install need other resources like Azure, Digital Ocean, AWS, etc you're on your own!

Questions

- Single machine doing all of the installs?

Possible way forward

Create web server in golang which

1. Listens on port 8000 or next available port
2. Serves RESTful api endpoint GET /api/claims that reads all
~/.porter/claims/*.json files and outputs them in one array of json objects
3. Serves GET /index.html and other front-end html, css, and js files to be determined

Design and create web front-end dashboard to request /api/claims and present the data in a pretty way.

Friday October 18, 2019

Participants

- David C
- Madison R
- Gabe C
- Chance M (remote)
- Dan K
- Grant P

Questions:

- Are "plugins" the actual applications (MongoDB, MySQL, Redis, etc...) or are they libraries (e.g libraries that access MongoDB or Redis or MySQL, etc...)?
- How do we get the data from the bundles? (what format? etc)
- Carolyn or Taylor to walk us through installing an app bundle and show us the process of querying for sample data (status, updates, etc).

Possible answers:

Links from Carolyn:

- <https://porter.sh/quickstart/>, shows you how to create your own bundles that don't rely on anything other than stdout, not even k8s.
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Action Items:

- Work on slides
- Kanban board for class assignments

Agenda:

Prep for Project Definition Document & 3 Minute Presentation Next week

Project Objective Statement

- Clear, concise and complete
- Under 25 words

Stakeholders

▼ Functions That Contribute

- Open source developers
- Microsoft Azure Open Source Dev Team
- CNAB open-source project members

▼ Functions Most Affected

- Anyone that has cloud-native application bundles installed
- DevOps and infrastructure teams
- Site reliability engineers
- System administrators

- Anyone deploying applications to the cloud or kubernetes clusters

▼ Jobs it gets done

- Monitors applications
- Creates an easy-to-read dashboard
- Sets up data to automatically update packages (in the future)

Governance Framework

- Meetings
 - When do we want to meet every week?
 - Attendance expectations
 - In person every meeting? Or just for ones based on need/work?
 - Remote option?
 - What if you miss a meeting or are running late (more than a few minutes)?
- Decision Making
 - How will we make decisions?
 - Majority?
 - Consensus of those present in meeting?
 - Unanimous?
- Escalation
 - When will we bring in coach for decisions/meetings?
 - When will we bring in sponsor for decisions/meetings?
- Documentation & Communication
 - Do we like notion? (Y/N)
 - YES!

- If no, is there another platform we could use?
- Who is responsible to turn in Capstone documents?
 - Kanban Board task owner
- Communication
 - How frequently should we check/ how long do we wait for a response on slack?
 - When/ under what circumstances do we call (the cell number) a team member? The coach? A sponsor?

Deliverables

- Define our deliverables

Is/Is Not

- Post it notes on the board
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Friday October 11, 2019

- CNAB Research
 - Installed Kubernetes on localhost
 - <https://matthewpalmer.net/kubernetes-app-developer/articles/guide-install-kubernetes-mac.html>
 - Next: Install a CNAB
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Friday October 4, 2019

Team Initiation Meeting

Project Name

- Moonraker

Leadership

- Project Leader: Madison Robertson

Weekly Meetings Schedule

- Fridays at 8 AM @CTB 345

Participants

- David Carr
- Madison Robertson
- Gabe C
- Chance M
- Taylor T

Missing in action

- Carolyn
- Dan
- Grant

Discussion items

- Persona who would use our dashboard
 - SRE's, DevOps, etc.

Assignments for next week

- Do Porter Hello World
- Install kubernetes (docker desktop) on localhost
- Install 3 cnab bundles to your k8 localhost
- Create 1 cnab bundle to get familiar with the process

Decisions made

- Team chose project option 3 - CNAB dashboards

- Project codename will be...
 - Queen's gambit
 - Jealous gambit
 - Happy gambit
 - Moonraker
 - Moon-gambit

First Meeting Assignment

- Exchange Email & Phone
 - Agree on meeting times/places
 - Agree on project name
 - Decide on communication and document management
 - Slack
 - Notion?
 - Report results
 - Establish Team Roles
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Friday September 27, 2019

- Introduction to Microsoft team members Taylor and Carolyn
- Review of initial capstone project proposal