small STEPS

Get Control of Your Technical Operations and Build a Healthy DevOps Culture

CivicActions

AGENDA

➔ Overview

➔ Intro

➔ Tips!

➔ Activity + Questions

small steps | drupalgovcon 2018 | jeff maher | @plusjeff

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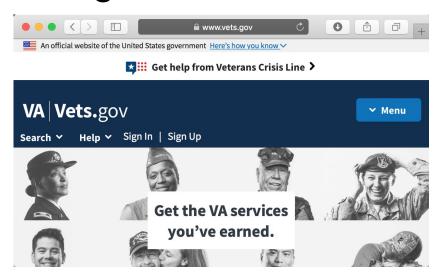
➔ Hi! I'm Jeff.

➔ I work on [government] services.

➔ "People + Technology" is hard.

➔ Enable people to work together (dev+ops)

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➔ **Know Your Objectives**

➔ Example: Mass.gov Deploy Downtime

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➔ **Do *actual* DevOps (not just system admin)**

➔ Example: Vets.gov (Healthcare Dockerfile and UI Deployments)

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➤ **Make things repeatable -- write them down**
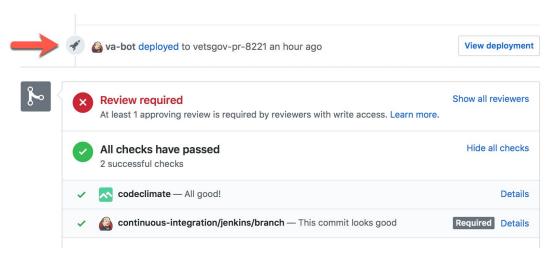
➤ Example: Mass.gov Deployments

Long Version

First time or need more detail? Read these:

1. Check the GitHub `develop` branch to see if there is anyth
2. If there is new code to be delivered, notify the team at leas
   the Communicate Releases instructions for Upcoming Dep
3. Add release notes to top of CHANGELOG.md, and then co
4. Create a release branch (e.g.: `release-0.18.0`) from the
   `<sprint number>.<number of times deployed within s`
   but it is what is currently happening today. We should cha
5. Push your release branch to GitHub (CircleCI will run agair
   you. However, CircleCI will not push your branch to Acqui
6. Write release notes for all the code being delivered in the
   instructions for Release Notes. (The release notes will be I
   suggested that you make a list of all the JIRA tickets that a
   version via JIRA later.)
7. SSH into the mass Vagrant VM and `cd /var/www/mass.lc`
8. Drag the `Database` rectangle from `Prod` into `Stage`.
9. Run `drush ma-deploy test <release branch>` which w

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➤ **Use disposable infrastructure**
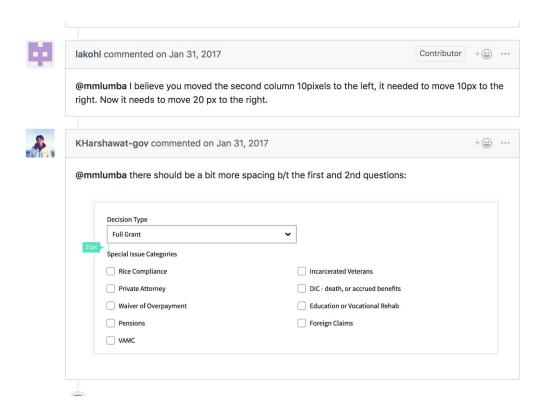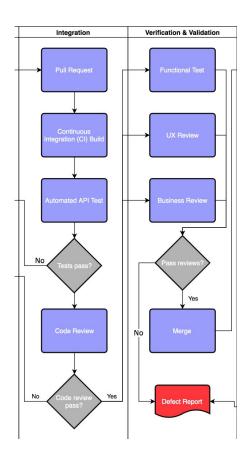
➤ Example: Vets.gov PRs and Deployments

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➜ **Review everything in pull/merge requests**

➜ Examples: VA Caseflow and

Mass.gov Pull Requests

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TIP #5 (continued)

lakohl commented on Jan 31, 2017   Contributor + 🙂 ···

@mmlumba I believe you moved the second column 10pixels to the left, it needed to move 10px to the right. Now it needs to move 20 px to the right.

KHarshawat-gov commented on Jan 31, 2017   + 🙂 ···

@mmlumba there should be a bit more spacing b/t the first and 2nd questions:

Decision Type

Full Grant ▼

30px ▶

Special Issue Categories

☐ Rice Compliance   ☐ Incarcerated Veterans
☐ Private Attorney   ☐ DIC - death, or accrued benefits
☐ Waiver of Overpayment   ☐ Education or Vocational Rehab
☐ Pensions   ☐ Foreign Claims
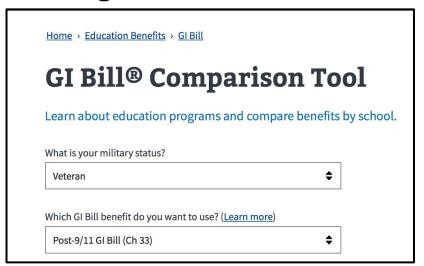☐ VAMC

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➜ **User research is not just for frontends**

➜ Example: CA Child Welfare Tagging

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➤ **Automate gradually**

➤ Example: Vets.gov GI Bill Tool

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➔ **Have a single source of truth**

➔ Example: CWDS Manifests and Tickets

```
1    ---
2    api: 0.6.3.332
3    de-ansible: prod_update
4    de-cloudformation: ReleaseTag
5    dora: 1.5.7_1982-RC
6    intake_api: snapshot_v1.1
7    intake: snapshot_v1.1
8    perry: 1.6.2_445-RC
```

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WHAT ARE YOUR small STEPS?

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QUESTIONS?

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