Continuous Delivery

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— Martin Fowler

Imagine a small software team working on a mobile grocery list application. The application already has the capability of capturing simple shopping lists and checking items off the lists.

- Jeremiah is working from home (remotely) on his own laptop on allowing lists to be shared between users. This feature will take about a few days to implement and he is about halfway through completing it.
- Emma works at the office, using a company PC, and is adding functionality for assigning list items to store aisles. This will take two days and she is about to complete it.
- The application is available in Google Play store.

- Why should we even try to achieve Continuous Delivery?
- What about software quality how will features be tested if we have to ship at any point?
- O How will we deal with the fact that at any given point in time some features are not complete?
- How do we get a new feature coded on a developer's laptop into the hands of a user?
- How often should the team collaborate and integrate their work?

Consider the following types of software:

- Web applications
- Desktop applications
- Mobile applications
- Embedded software

Discuss the unique challenges that continuously delivering/deploying to these different platforms presents. Which is the easiest to achieve?