



“Nailed It!” Agile Ingredients In: Failed Projects Out

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Agile is Easy



((CENTRIC))



Agiled It!

NAILED IT!



Multi-Tier Cake

Nailed It!

- Just Ignore the Lean



Support System

Agile Infrastructure

Modern Software Development using agile requires infrastructure support



DevOps

Operations working with agile development teams

- Automate build process
- Automate push-button deployment process
- Automate infrastructure setup
- Infrastructure and deployment process in source control
- Integrate security and compliance into backlog

Modern Software Development

Agile teams consistently focus inward:

Stories, Planning, Retrospectives, Ceremonies

Agile teams have to reach out:

Delivery, Security, Infrastructure

Benefits

- Delivery cadence brings confidence
- Repeatability - Practice Makes Perfect
- Frequent small updates simplify Operational Change Management
- Enable our best allies: Happy Users
- Real-world feedback to drive story prioritization



Perfect Decorations

Nailed It!

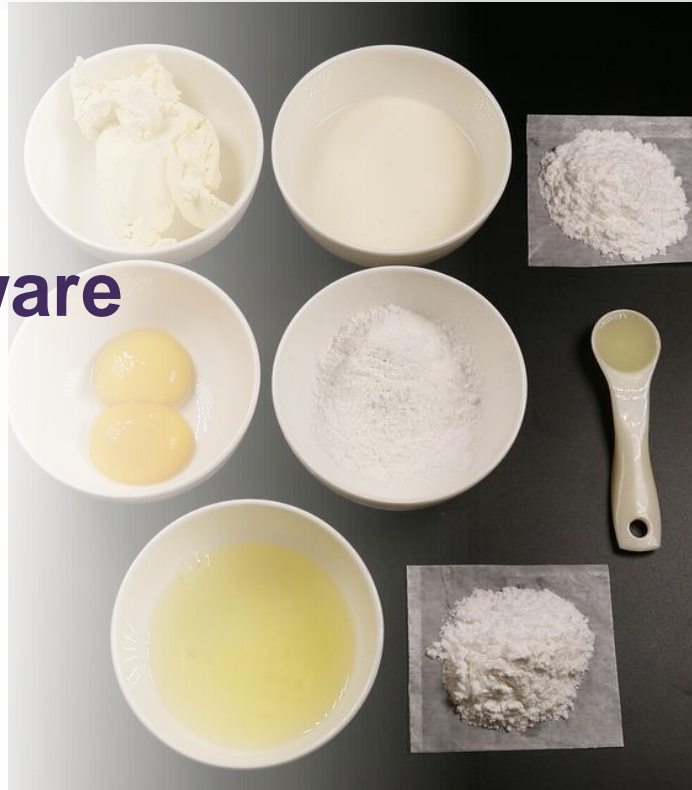
- Just Ignore the Taste



Back To Basics

Working Software

On-time working software



Working Software Delivery

Testing is a first-class priority

- Allow architecture growth and refinement
- Allow framework version updates
- Allow new feature without breaking existing features
- Branch By Abstraction for complex refactoring

Modern Software Development

Agile teams consistently focus inward:
Stories, Planning, Retrospectives, Ceremonies

Agile teams have to reach out:
Confidence in working software

Benefits

- Reduce/Eliminate emergency bug releases
- Instill confidence in system
- Mitigate “I need it now or I’ll never get it” feature prioritization of backlog
- Reduce unplanned work from bug complaints



Custom Tiers

Nailed It!

- Just Ignore the Sloppiness



Controlled Feature Delivery

Feature Delivery

Managing feature delivery and scope for maximum ROI



Agile Feature Delivery

Kanban approach with small daily stories

- Allow features to be “Done” before all stories complete
- Multiple active features developed concurrently
- Single branch – feature toggles
- Allow subset of users to try features early

Modern Software Development

Agile teams consistently focus inward:

Stories, Planning, Retrospectives, Ceremonies

Agile teams have to reach out:

Continuously deliver new features to production

Benefits

- Eliminate Gold Plating
- Eliminate guesswork by improving features that users request
- Continuous delivery brings Return On Investment



Being able to give the **developers feedback and customize the experience** the way we need it is big. We're contributing to the development. We're constantly sending in feedback and suggestions. We know they can't do everything, but it's **cool to see they've incorporated one of our suggestions a few days after we made it.** It's good to see **they're listening** to what we want **and building a great system.**

- Actual User

Thank You for Attending

Brian Paulsmeyer – Centric Consulting

About Me

- 20 years as a software developer, architect, and agile practitioner
- Full stack developer in Java, .Net, TypeScript (Angular 2), and PHP
- DevOps tooling experience including VMs, Docker, Chef, Puppet, and Octopus
- Continuous Delivery and Automated Testing implementations
- Experience across industries including FDA and SEC regulated

- Our highest priority is building lifelong relationships with clients based on trust, respect, and collaboration.
- We invest in our talented team and support their well being by keeping them challenged and inspired.
- Our localized company structure allows us to play very active roles in the lives of our families and community.
- 13 locations including St. Louis, Seattle, Miami, Boston, Chicago, Columbus, and Centric India

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