

Agile for Remote Teams

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2018 Cincinnati Day of Agile & Cincy.Develop(); Sponsors

Diamond



Platinum



Gold



Michael Dowden



Caricature by @natelovett



1992

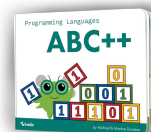
2000



2006



2011



2015

2017



Hardware -> user

60+ Companies

@mrdowden





Andromeda16.com
FlexePark.com
ShiftsOnDemand.com
LibrumArcanum.com



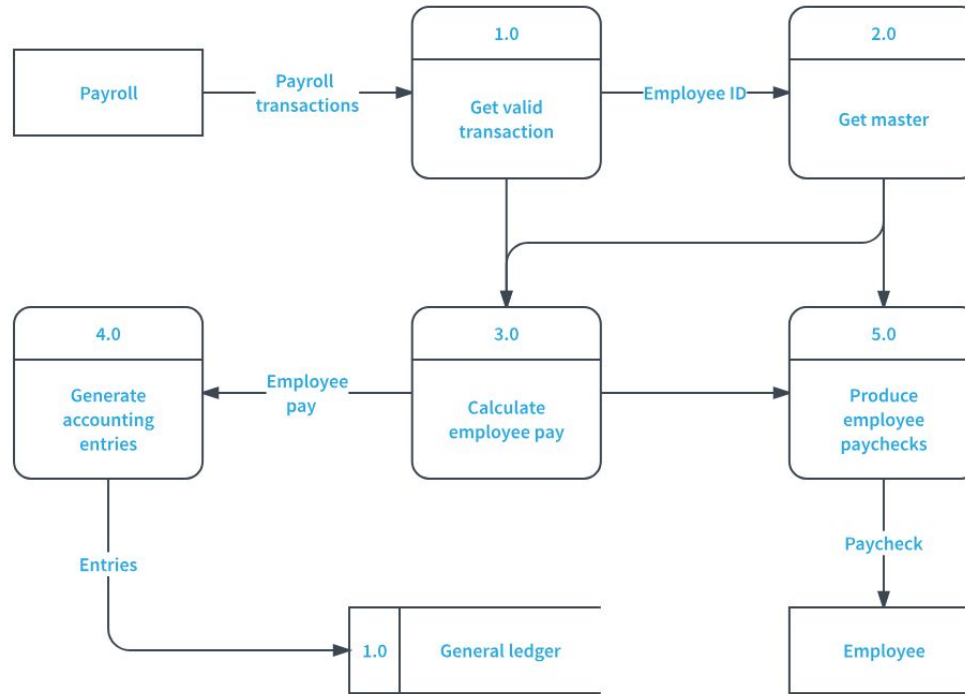
Consulting

- Accessibility
- User Experience
- Front-end web development
- Prototype / MVP



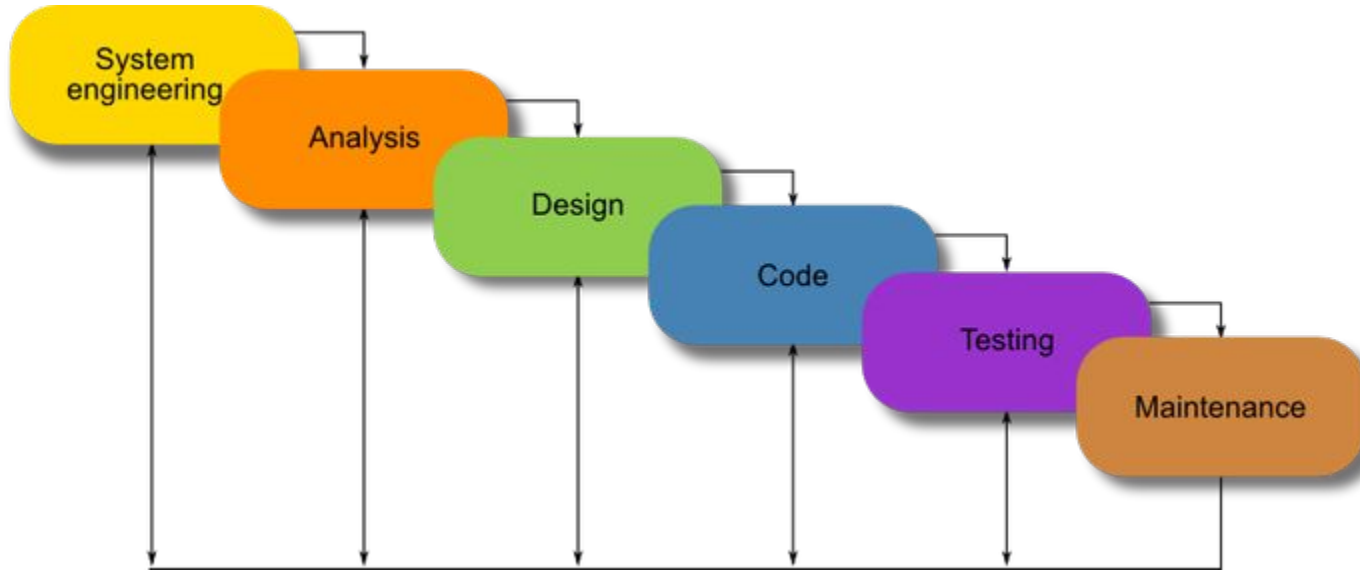
Outline

- My agile journey
- Remote agile
- Tools & tips



Systems Analysis

<https://www.lucidchart.com/pages/examples/data-flow-diagrams>

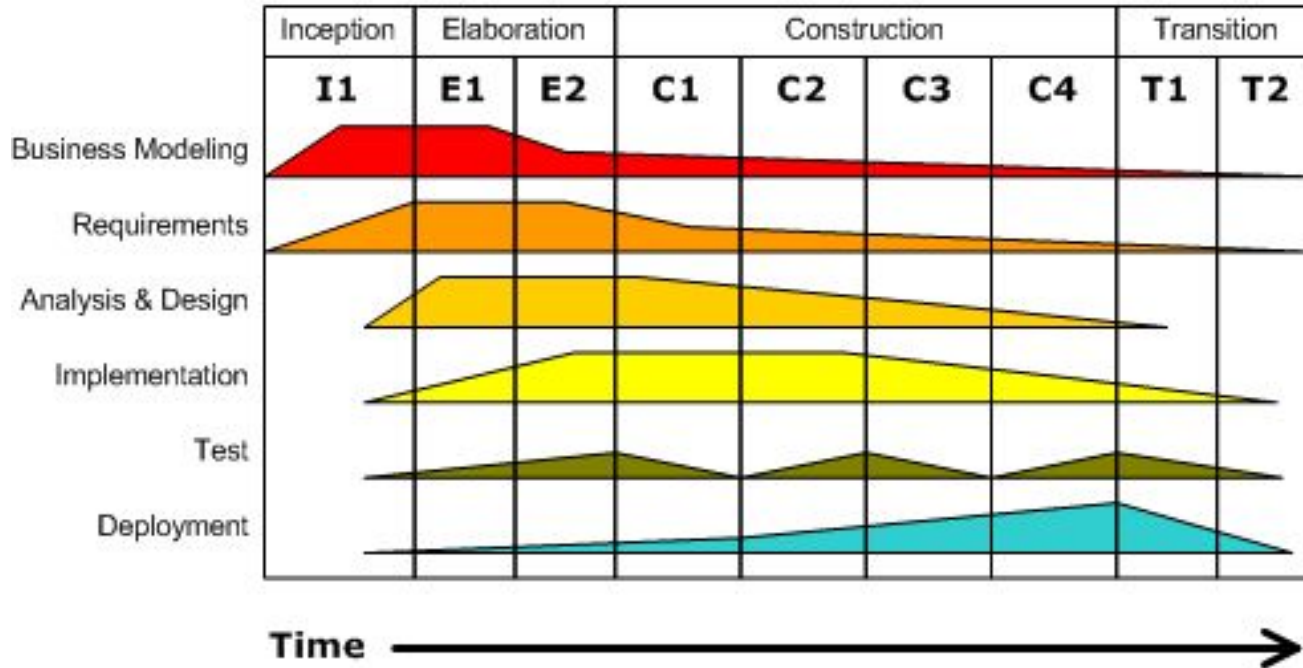


Waterfall

<https://airbrake.io/blog/sdlc/waterfall-model>

Iterative Development

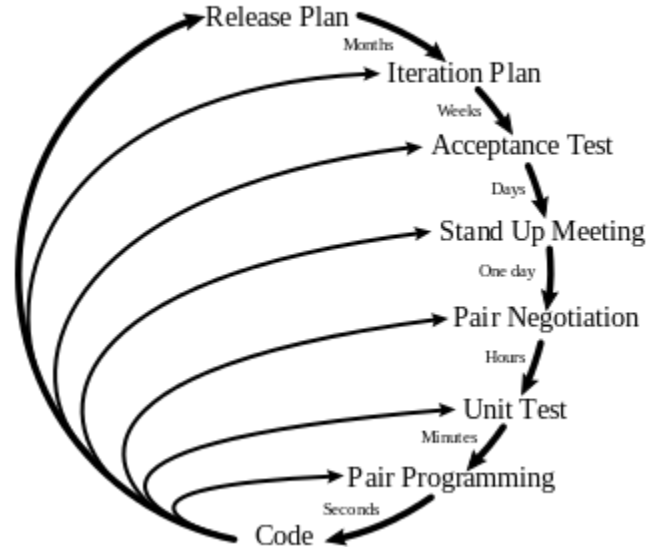
Business value is delivered incrementally in time-boxed cross-discipline iterations.



Rational Unified Process

https://en.wikipedia.org/wiki/Rational_Unified_Process

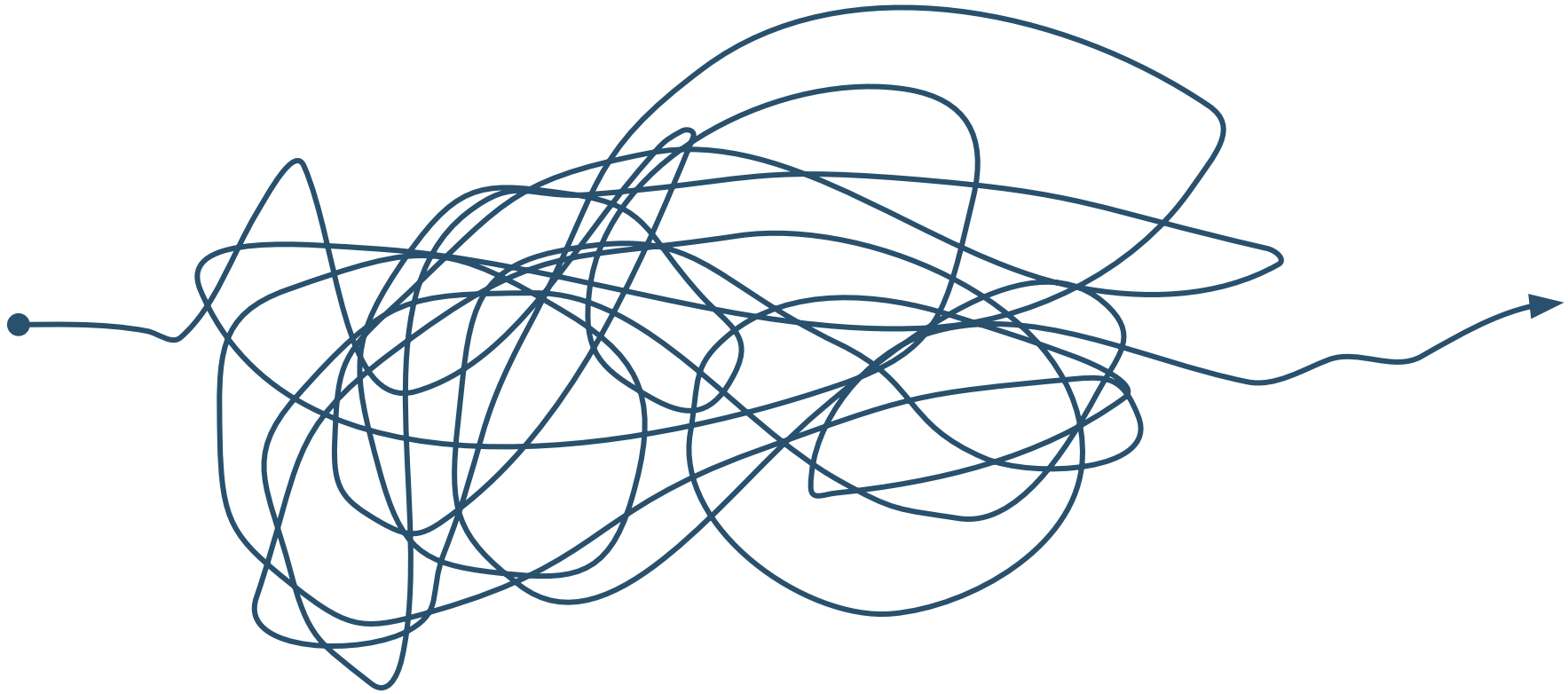
Planning/Feedback Loops



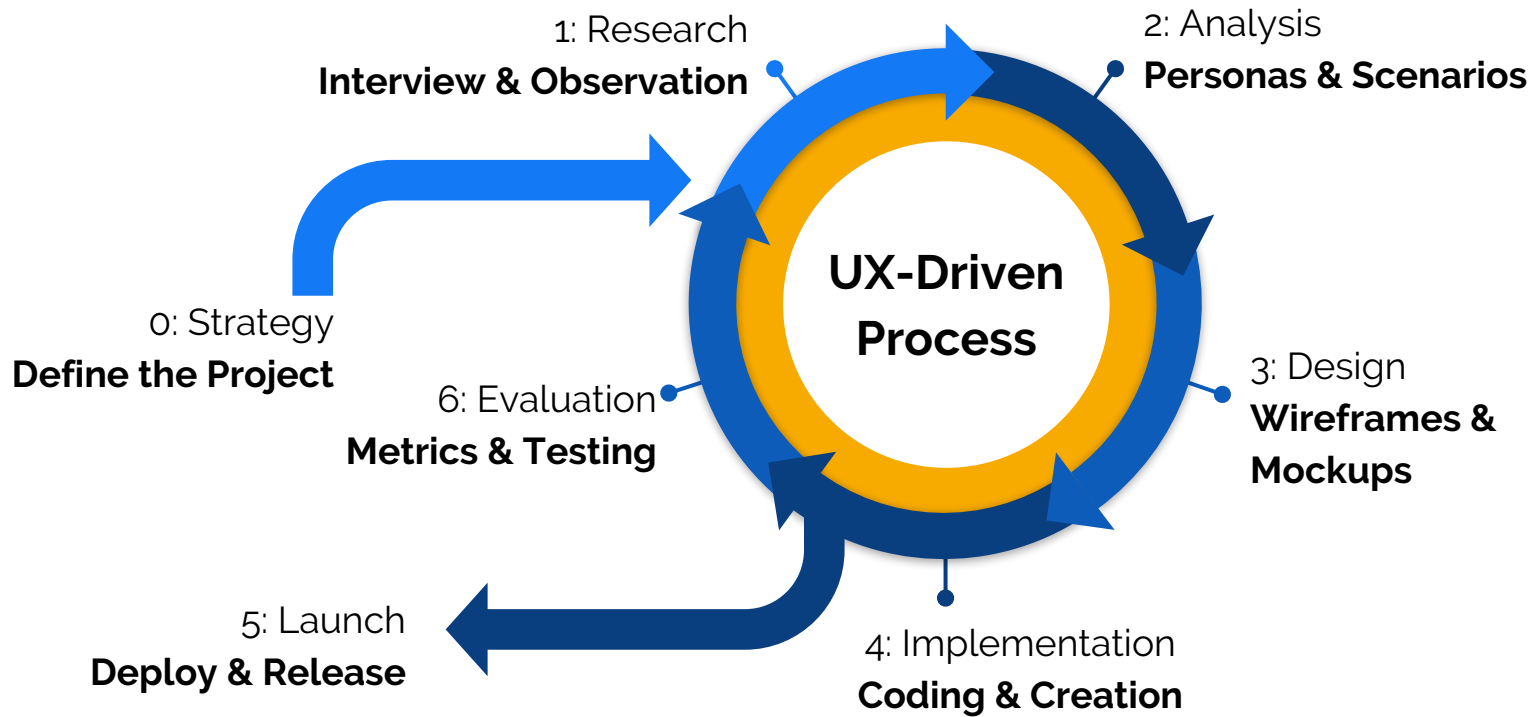
Extreme Programming

https://en.wikipedia.org/wiki/Extreme_programming

<https://dzone.com/articles/agile-framework-comparison-scrum-vs-kanban-vs-lean>

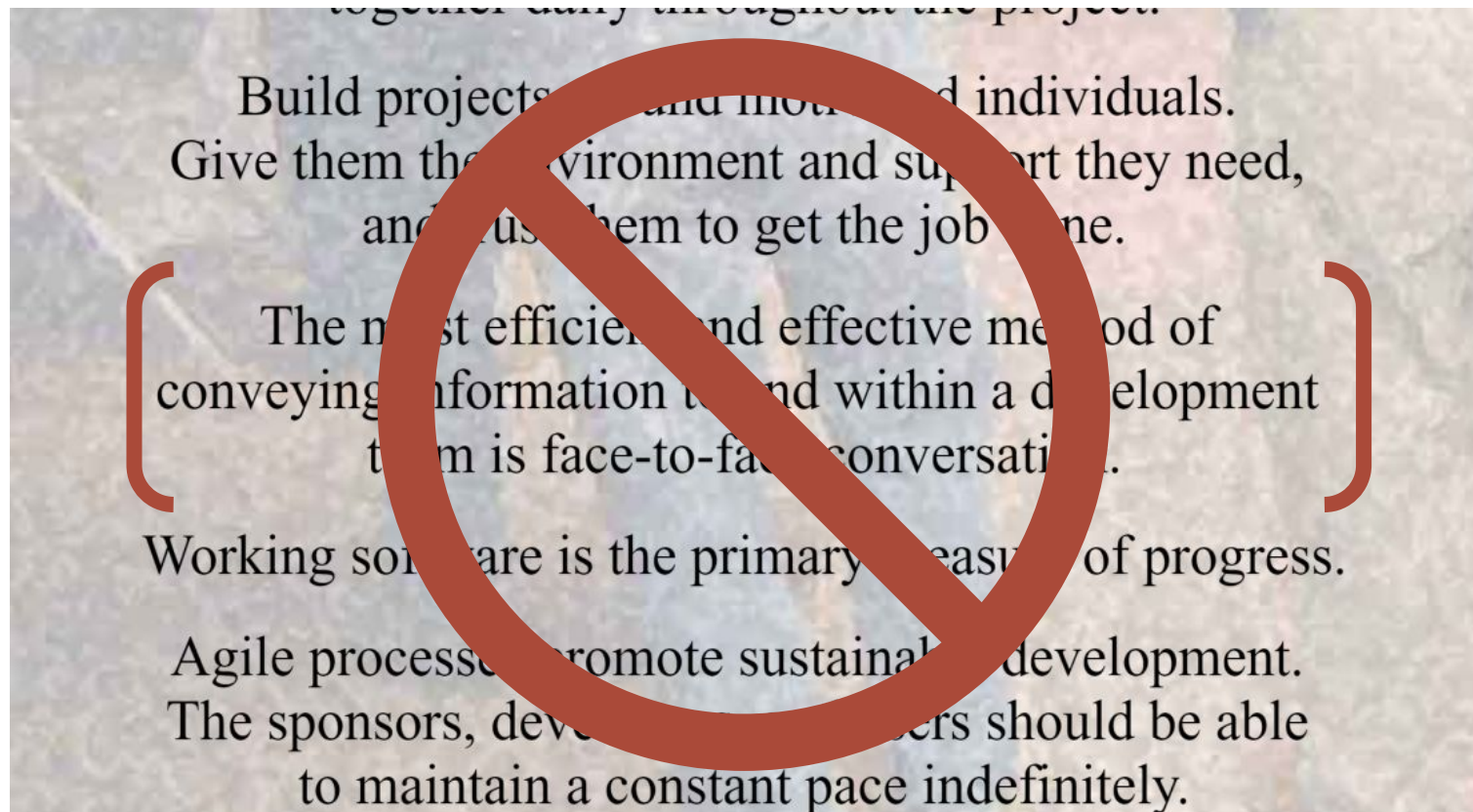


Chaos Driven Development



Lean / Kanban

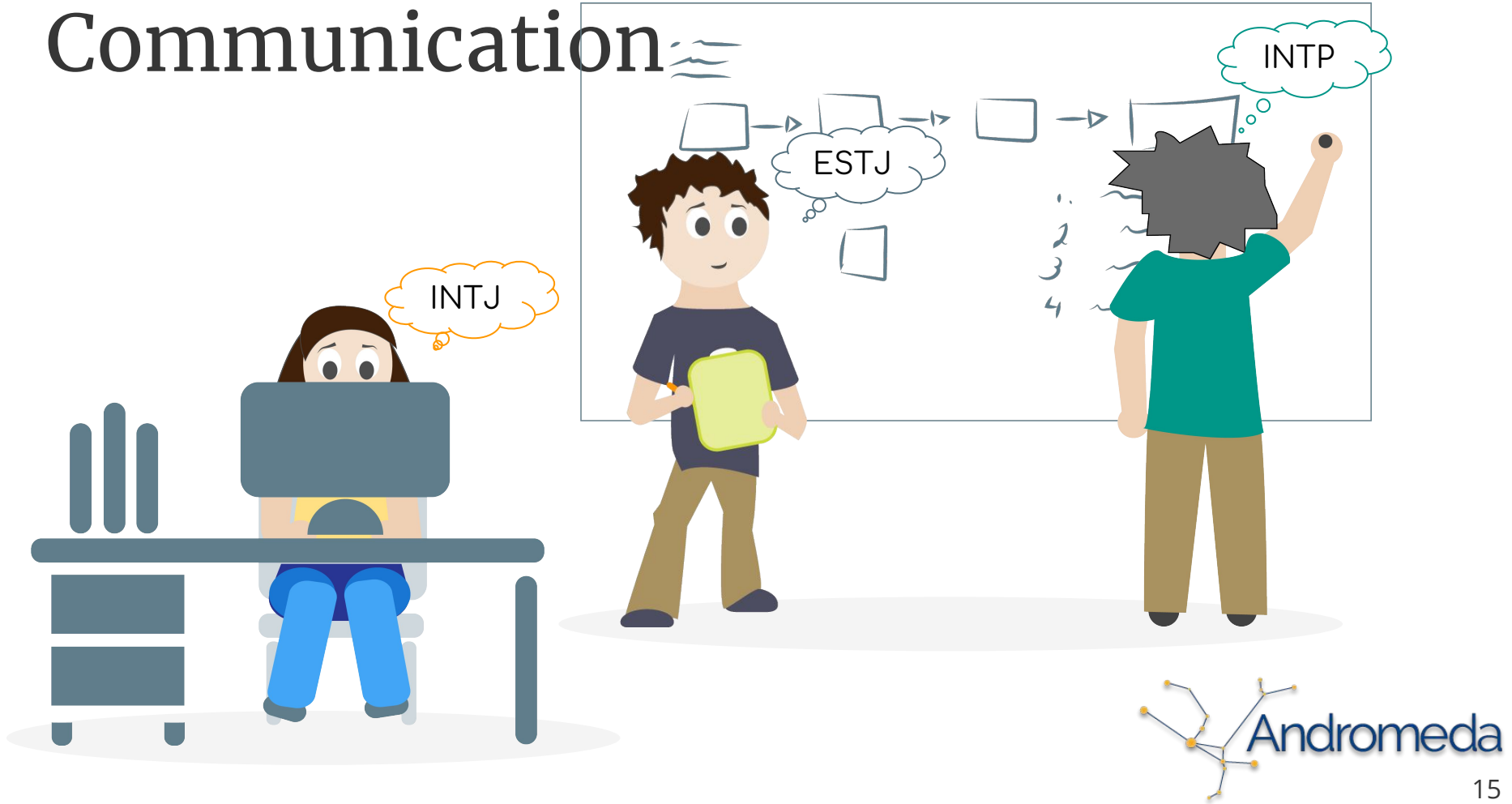
Methodology



Agile Manifesto

<http://agilemanifesto.org/principles.html>

Communication



Communication Factors

- Synchronous vs Asynchronous
- Time zone distribution
- Internal vs B2B Client vs B2C Customers
- Product vs Project
- Personalities

XP

Values / Principles

- Communication
- Simplicity
- Feedback
- Courage
- Respect

Process / Practice

- Planning game
- TDD
- Pair programming
- Whole team
- Continuous integration
- Refactoring
- Small releases
- Coding standards
- Collective code ownership
- Simple design
- System metaphor
- Sustainable pace

Scrum

Values / Principles

- Commitment
- Courage
- Focus
- Openness
- Respect

Process / Practice

- Sprint Planning
- Stand-up
- Sprint Review
- Sprint Retrospective

Kanban

Values / Principles

- Focus
- Decrease waste
- Customer needs first

Process / Practice

- Ideation
- Replenishment
- Development
- Acceptance
- Production

Lean

Values / Principles

- Eliminate waste
- Amplify learning
- Decide late
- Deliver fast
- Empower the team
- Build integrity in
- See the whole

Process / Practice

- Process Mapping
- Set-based Design
- MVP Delivery
- Rinse & Repeat

Going Remote

Trust



Andromeda

Limitations

- VPN / Access
- On-prem software
- Physical Boards
- Speakerphones

Key Considerations

- Vision and direction must be extremely clearly communicated
- Story refinement becomes critical
- Need a clear forum/process for team to provide ideas

Processes

- Synchronous touch-points
- Text-based communication
- Focus on documentation
- Digital board
- Code reviews

Tools

- Meetings: Hangouts, Slack, Skype, Zoom
- Collaboration: Basecamp, Asana
- Documents: Google Drive, Wiki, Confluence
- Code: Live Share, Bitbucket, GitHub, GitLab
- Board: Jira, Trello

Benefits

- You *will* have a stronger team
- Competitive advantage
- More inclusive

Resources

- <https://dzone.com/articles/agile-framework-comparison-scrum-vs-kanban-vs-lean>
- <https://manifesto.co.uk/kanban-vs-scrum-vs-xp-an-agile-comparison/>
- <https://www.projectmanagement.com/blog-post/23006/Scrum-vs-Kanban-vs-XP>
- <https://www.testingexcellence.com/difference-between-scrum-kanban-xp-agile/>
- https://www.tutorialspoint.com/software_engineering/software_analysis_design_tools.htm
- <https://searchsoftwarequality.techtarget.com/definition/Rational-Unified-Process>
- <http://www.humanmetrics.com/personality/communication-strategies-for-different-types>
- <https://airbrake.io/blog/sdlc/rational-unified-process>

Agile for Remote Teams

<https://speakerdeck.com/mrdowden/agile-for-remote-teams>

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