Agile Methodologies in a Large Tech Company: The Bloomberg

Bloom iberg

Università degli Studi di Milano January 9, 2020

Giorgio Audino Software Engineer

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Way

Outline

- Bloomberg
- BloombergNEF
- How we do Agile
 - Workflow before Agile
 - Key roles
 - Key meetings
 - Process
- We're hiring!
- Q & A

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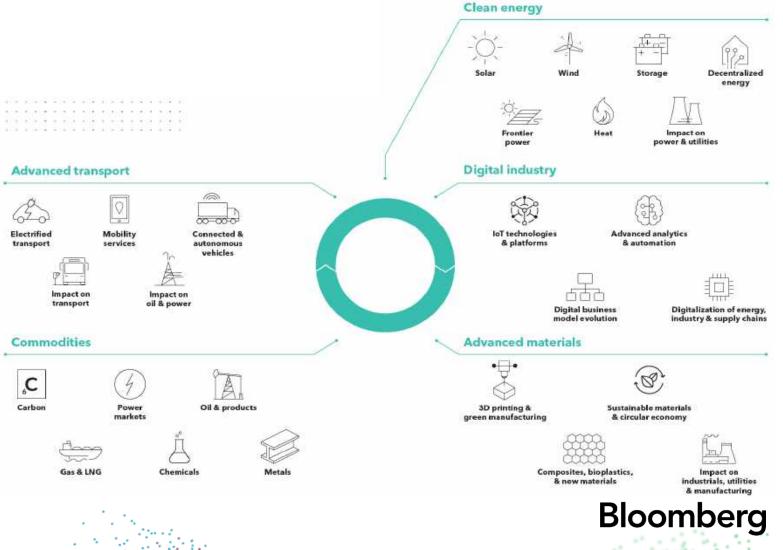
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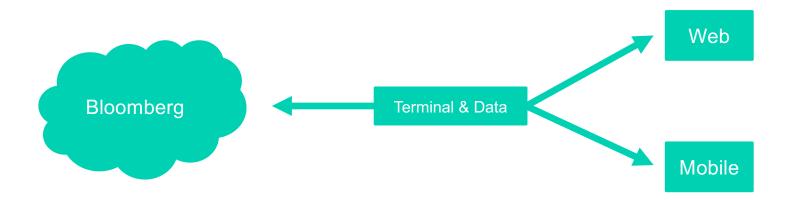
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How we used to work before Agile

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How we work today

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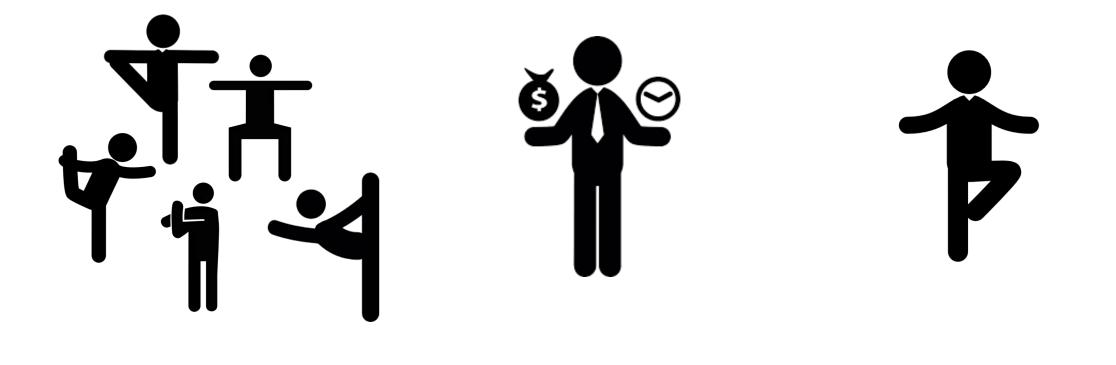
The Team

Product Owner

Scrum Master

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The Team

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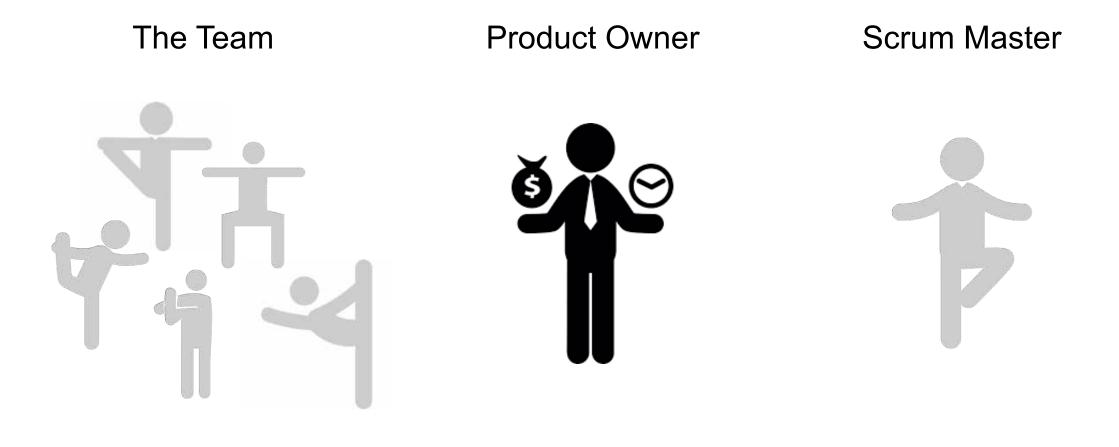






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The Team

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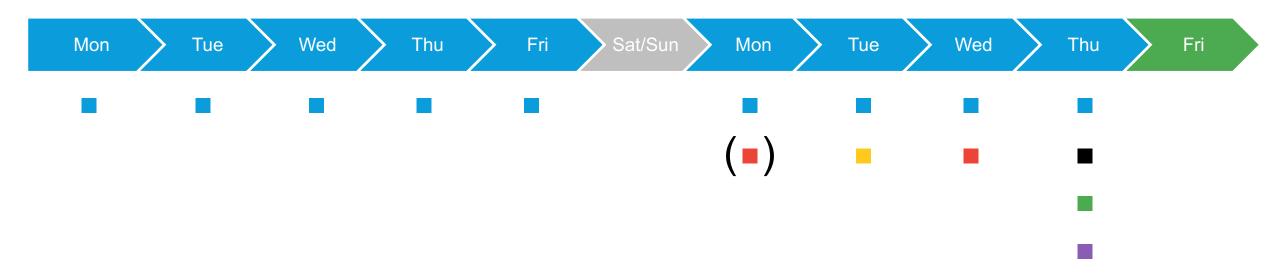
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What a sprint looks like

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- Stand-up meeting
 Sprint review
- Product grooming
- Retrospective
- KTLO grooming
- Sprint planning

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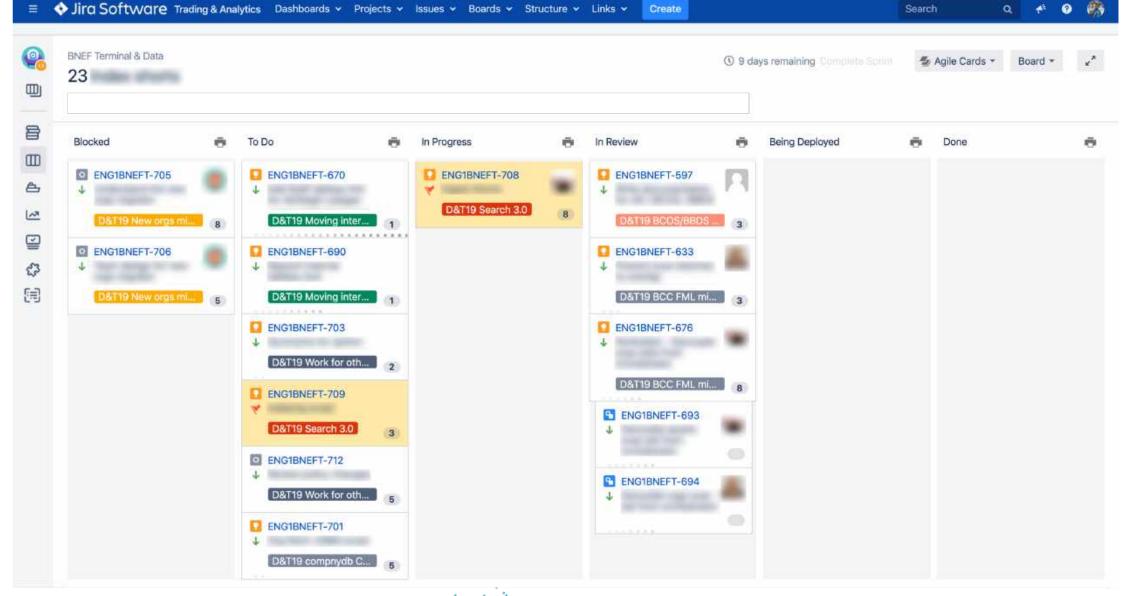


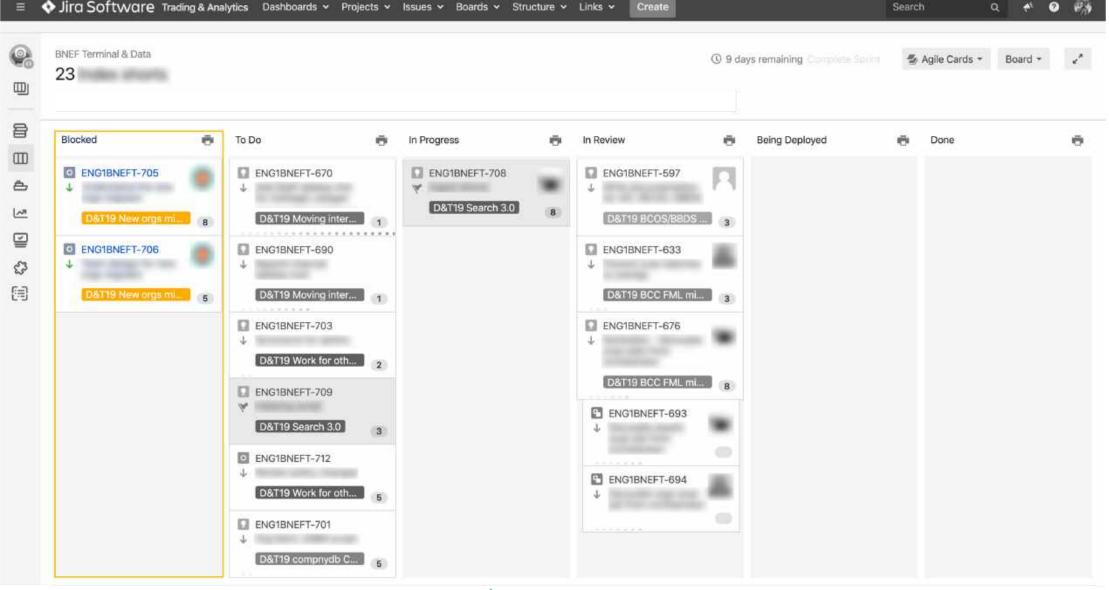
Our development process

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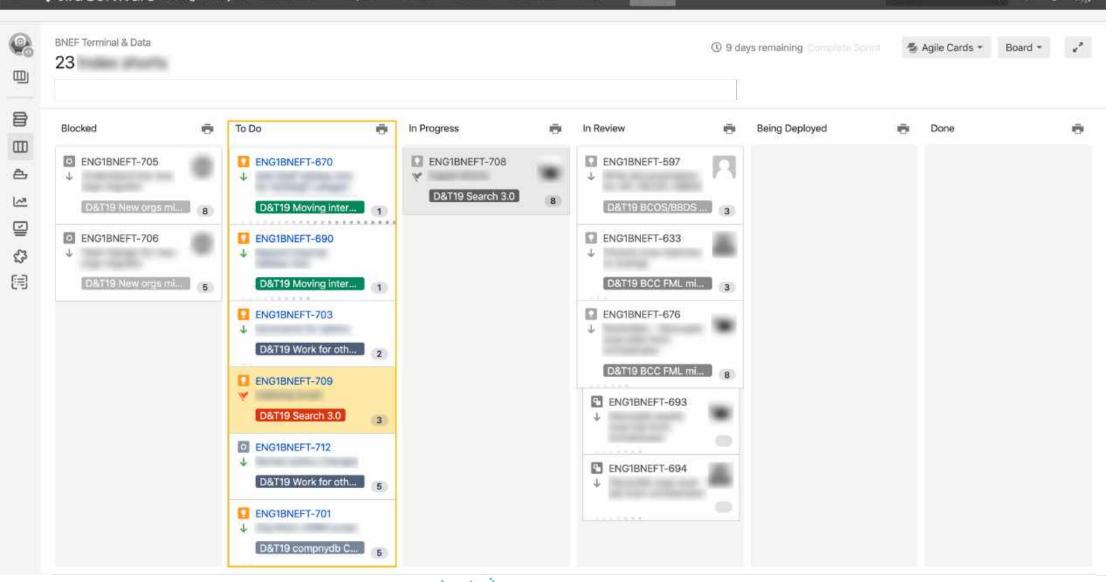
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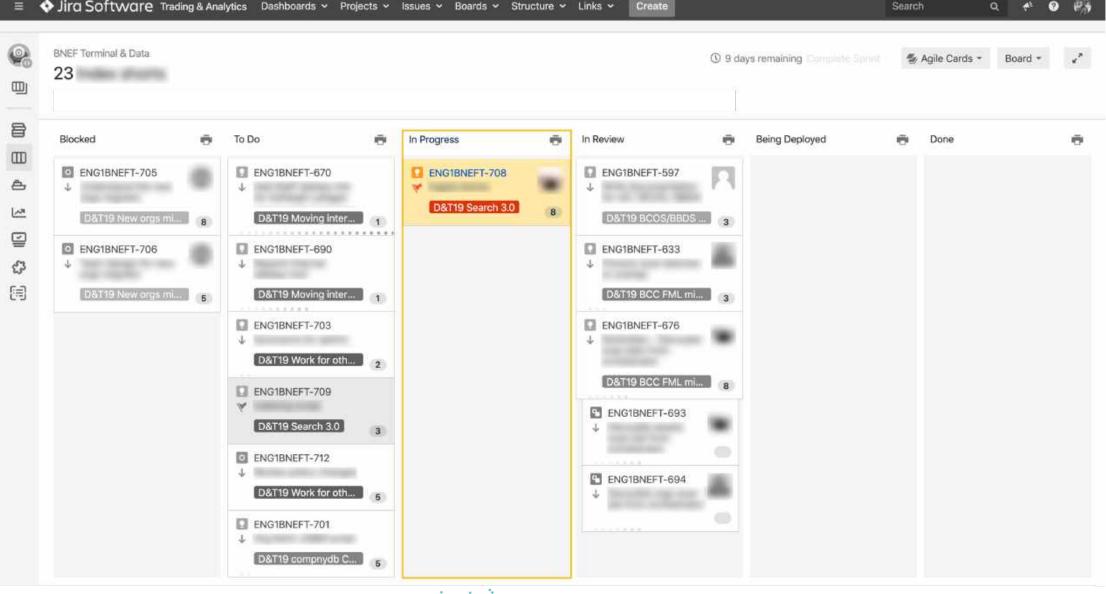
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Definition of *ready*

- Tasks that come out of a grooming meeting should be *ready* to be worked on
- For us, a story is ready when:
 - It is assigned to an epic
 - · It describes who is requesting it and why
 - It is understood by the team
 - It has been sized max 8 points
 - 8 pointers need subtasks added during planning
 - It is startable within the sprint (it can be blocked at the start of the sprint)
 - The acceptance criteria accurately describe the success of the story
 - For a spike, the desired output should be listed
 - The description should:
 - contain points of contact (both stakeholders and dependencies)
 - contain links to relevant documentation
 - list dependencies
 - have a numbers discussion (e.g., how many records are affected)
 - list steps to reproduce bugs

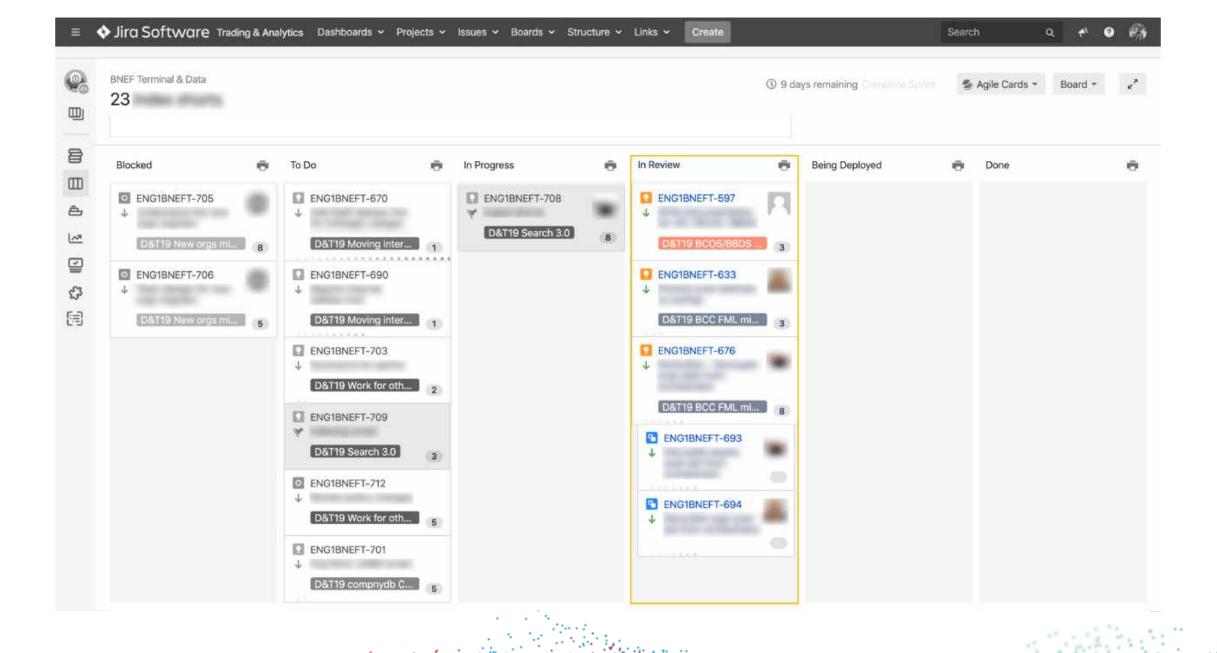
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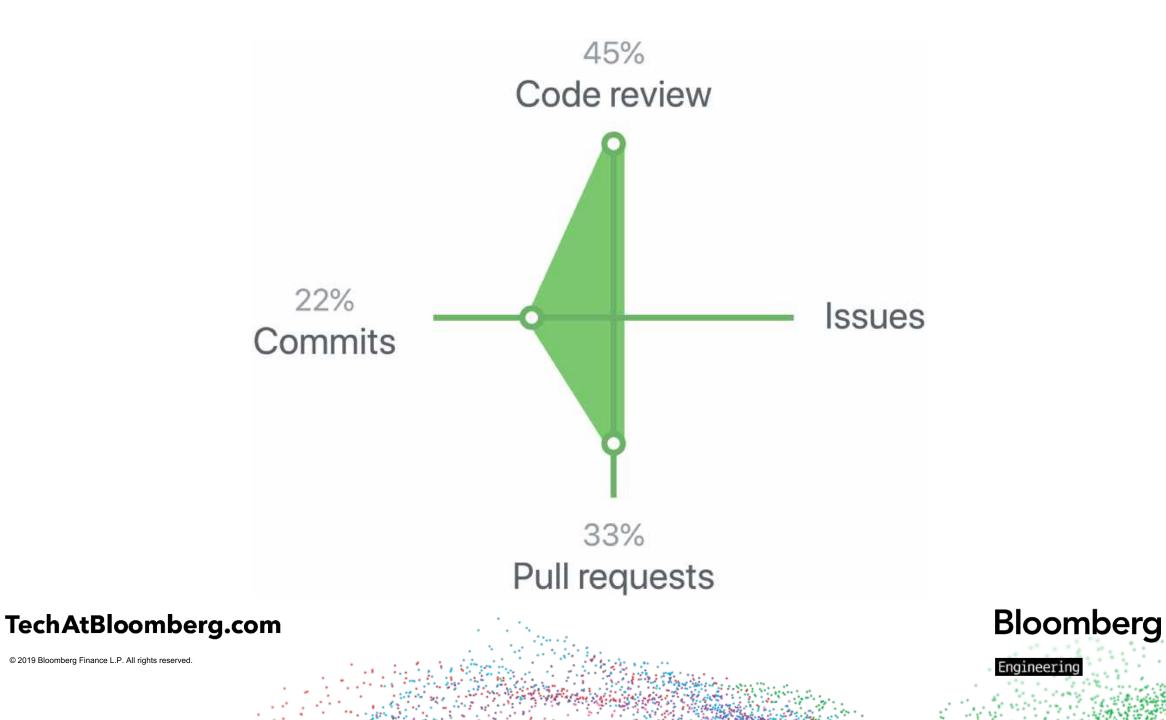


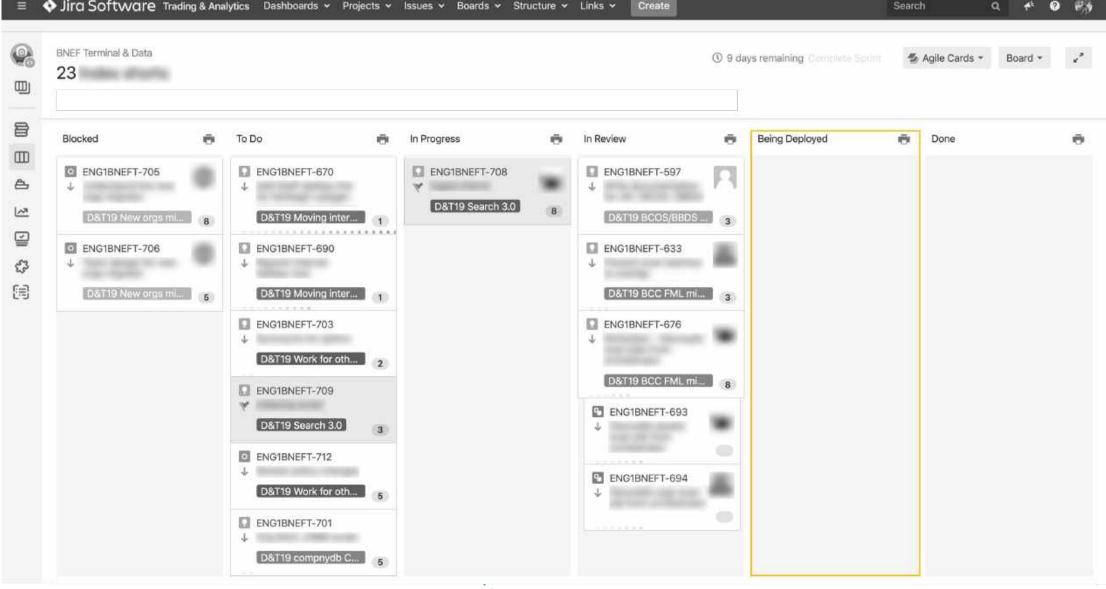


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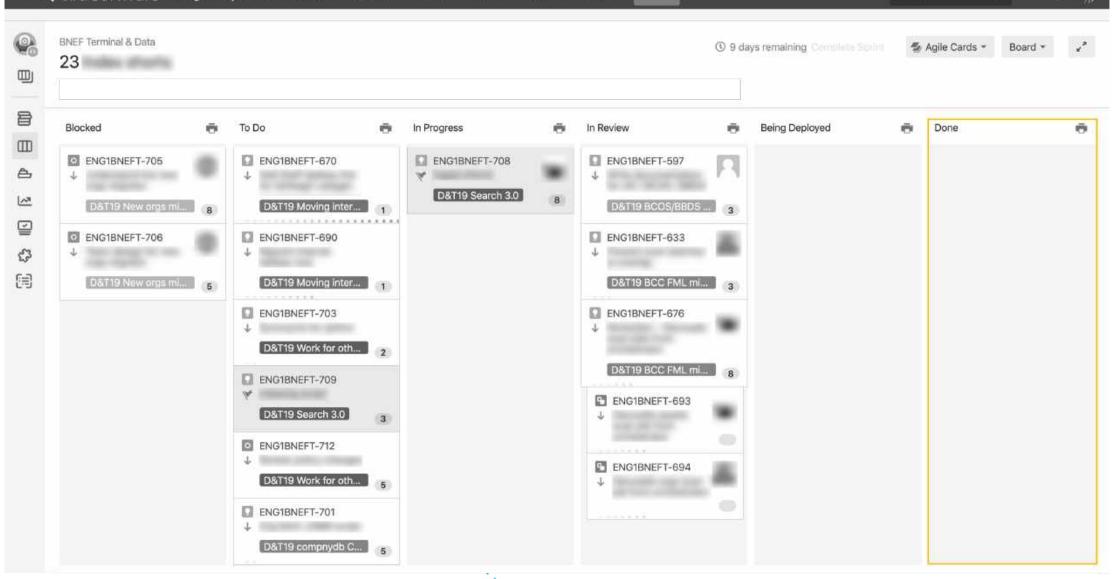
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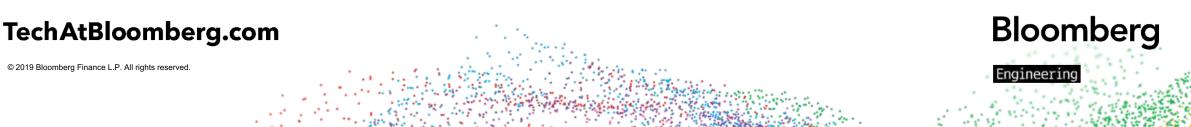
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Definition of done

- Its acceptance criteria has been met
- It has been reviewed by at least 2 people
- The following have been completed, if required:
 - Tests have been added
 - Documentation has been added/updated
 - Follow-up stories added to JIRA
 - Lightning talk scheduled
 - Monitoring is added/updated
- The responsible party (PO, TL, etc.) has signed off
- It has been deployed to PROD (if appropriate)
 - Feature is checked on PROD and is working as intended



What if we need a urgent bugfix?

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- Internships (10-14 weeks July to September)
- Placements (14 weeks 1 year)
- Graduate program

The process:

- Phone interview
- In-house (or on-campus) interviews

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Questions?

Giorgio Audino

gaudino2@bloomberg.net

Suggested reading:

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- https://google.github.io/eng-practices/review/
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