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Agile Practices

## Simple Cheat Sheet to Sprint Planning Meeting



(<https://www.leadingagile.com/author/dhuether/>)

Derek Huether (<https://www.leadingagile.com/author/dhuether/>), Aug 9, 2012

Reading: **Simple Cheat Sheet to Sprint Planning Meeting**



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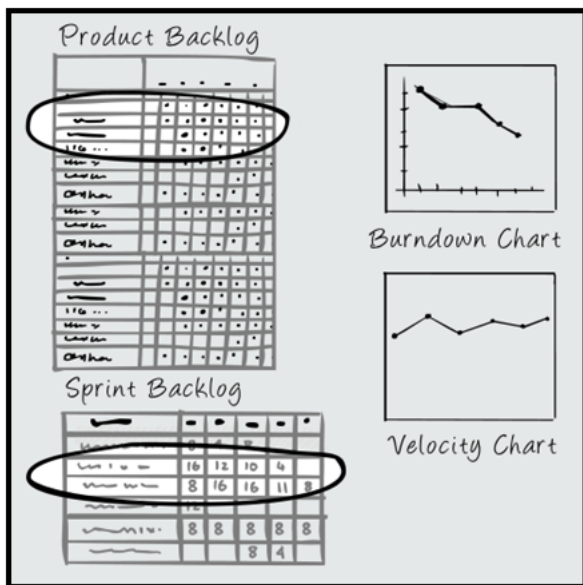
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## What is Sprint Planning?

Sprint planning is a timeboxed working session that lasts roughly 1 hour for every week of a sprint. In sprint planning, the entire team agrees to complete a set of product backlog items. This agreement defines the sprint backlog and is based on the team's velocity or capacity and the length of the sprint.



## Who does it?

Sprint planning is a collaborative effort involving a ScrumMaster, who facilitates the meeting, a Product Owner, who clarifies the details of the product backlog items and their respective acceptance criteria, and the Entire Agile Team, who define the work and effort necessary to meet their sprint commitment.

## How do we prepare?

Ensure all sprint candidates meet the team's [definition of ready](https://www.leadingagile.com/2015/07/definition-of-ready/). In the days and weeks leading up to sprint planning, the Product Owner identify the items with the greatest value and works towards getting them to a ready state.

- Assign a relative story point value
- Remove dependencies
- Create testable examples
- Define [acceptance criteria](https://www.leadingagile.com/2014/09/acceptance-criteria/)
- Meets INVEST criteria

## What is the backlog?

The product backlog can address just about anything, to include new functionality, bugs, and risks. Product backlog items (PBI's) must be small enough to complete during a sprint and should be small enough to complete within a few days. All stories must be verified that they are implemented to the satisfaction of the Product Owner.

## Ensure Right Sizing Backlog Items

Based on historical data of the team, first determine if product backlog items are too large to complete in a sprint. In these cases, do not consider these stories as valid sprint backlog candidates. Rather, in order to consider for sprint planning, [split the stories](https://www.leadingagile.com/2015/06/story-splitting-where-to-start/) into smaller pieces. Additionally, each story must be able to stand on its own as a vertical slice. Therefore, stories should not be incomplete or process-based as a horizontal slice.

## Calculating a Commitment

To calculate a commitment, mature teams may use a combination of both team availability and velocity. However, new teams may not know their velocity or they may not be stable enough to use velocity as a basis for sprint planning. In these cases, new teams may need to make forecasts based solely on their capacity.

## Determining Velocity

First of all, as velocity is unique to every team, never use another team's velocity to plan your sprint. Derive team velocity by summing the story point estimates of all completed and accepted work from the previous sprint. By tracking team velocity over time, teams will begin to focus less on utilization and consequently more on throughput.

"First of all, as velocity is unique to every team, never use another team's velocity to plan your sprint." (https://twitter.com/intent/tweet?text=First+of+all%2C+as+velocity+is+unique+to+every+team%2C+never+use+another+team%26%238217%3Bs+velocity+to+plan+your+sprint.+https://www.leadingagile.com/cheat-sheet-to-sprint-planning-meeting/)

[Sprint Planning](#)

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(<http://www.leadingagile.com/wp-content/uploads/2012/08/Sprint-Planning-Cheat-Sheet.pdf>)

## Determining Capacity

For teams without a stable velocity, each team member should provide three simple measures to determine capacity. First, what are the number of ideal hours in their work day? Second, how many days in the sprint will that person be available? Third, what percentage of time will that person dedicate to this team?

## The Planning Steps

1. Remind the team of the big picture or goal
2. Discuss any new information that may impact the plan
3. Present the velocity to be used for this release
4. Confirm team capacity
5. Confirm any currently known issues and concerns and record as appropriate
6. Review the definition of *DONE* and make any appropriate updates based on technology, skill, or team member changes since the last sprint
7. Present proposed product backlog items to consider for the sprint backlog
8. Determine the needs, sign up for work, and estimate the work owned
9. Product Owner answers clarifying questions and elaborates acceptance criteria
10. Confirm any new issues and concerns raised during meeting and record
11. Confirm any assumptions or dependencies discovered during planning and record
12. ScrumMaster calls for a group consensus on the plan
13. Team and Product Owner signal if this is the best plan they can make given what they know right now
14. Get back to work

[Is Your Team New to Scrum? Check Out This Post, Too. \(https://www.leadingagile.com/2012/12/your-team-is-new-to-scrum/\)](https://www.leadingagile.com/2012/12/your-team-is-new-to-scrum/)

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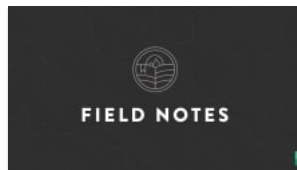
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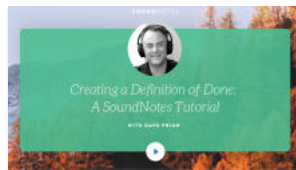
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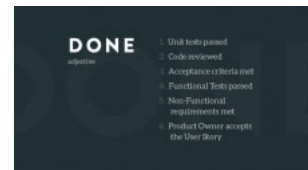
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Creating a Definition of Done: A SoundNotes Tutorial  
(<https://www.leadingagile.com/podcast/creating-backlog-grooming/>)



Replacing Backlog Grooming  
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Definition of Done  
(<https://www.leadingagile.com/2017/04/definition-of-done/>)



### Leading and Lagging Indicators

(<http://www.leadingagile.com/2014/02/leading-lagging-indicators/>)



### What Is An Agile Team and How Do You Form Them?

(<https://www.leadingagile.com/2014/02/what-is-an-agile-team-and-how-do-you-form-them/>)



### 12 Key Reasons Companies are Adopting Agile

(<https://www.leadingagile.com/2011/01/the-12-key-reasons-companies-adopt-agile/>)



### Acceptance Criteria

(<https://www.leadingagile.com/2014/09/acceptance-criteria/>)

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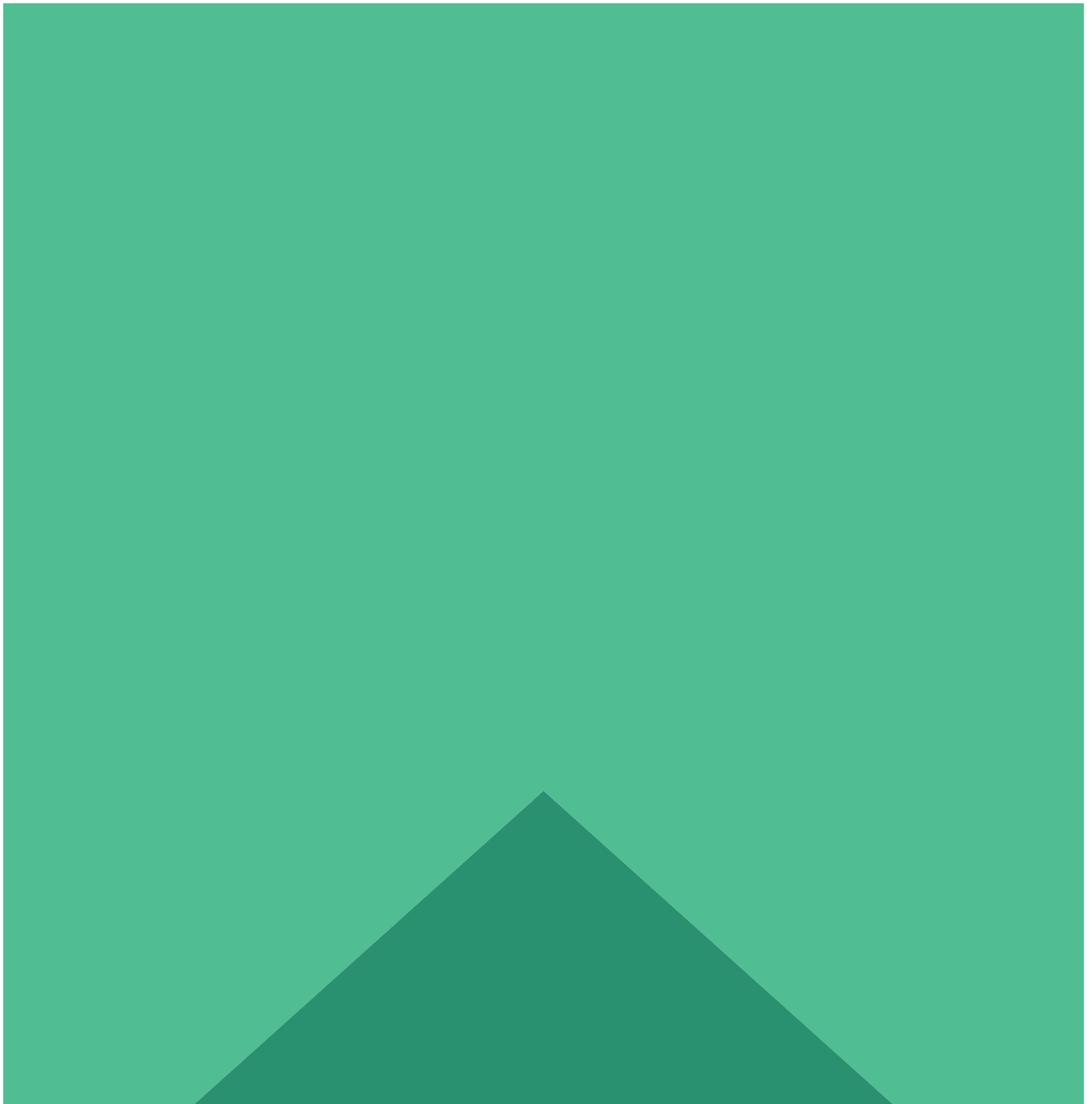
## Comments (8)

### 1. Simon

Nov 21, 2014

Don't forget the sprint goal!

o





**Derek Huether** (<https://www.leadingagile.com/author/dhuether/>)

Nov 21, 2014

Simon, I totally agree with you. The team should have a shared understanding of the goal of the sprint. As I noted above, “All items to be discussed reflect the greatest needs as identified by the Product Owner at the time of the meeting.”

I do believe the Product Owner could paraphrase into a “theme” of the sprint.

Thanks for the comment!

### Leave a comment

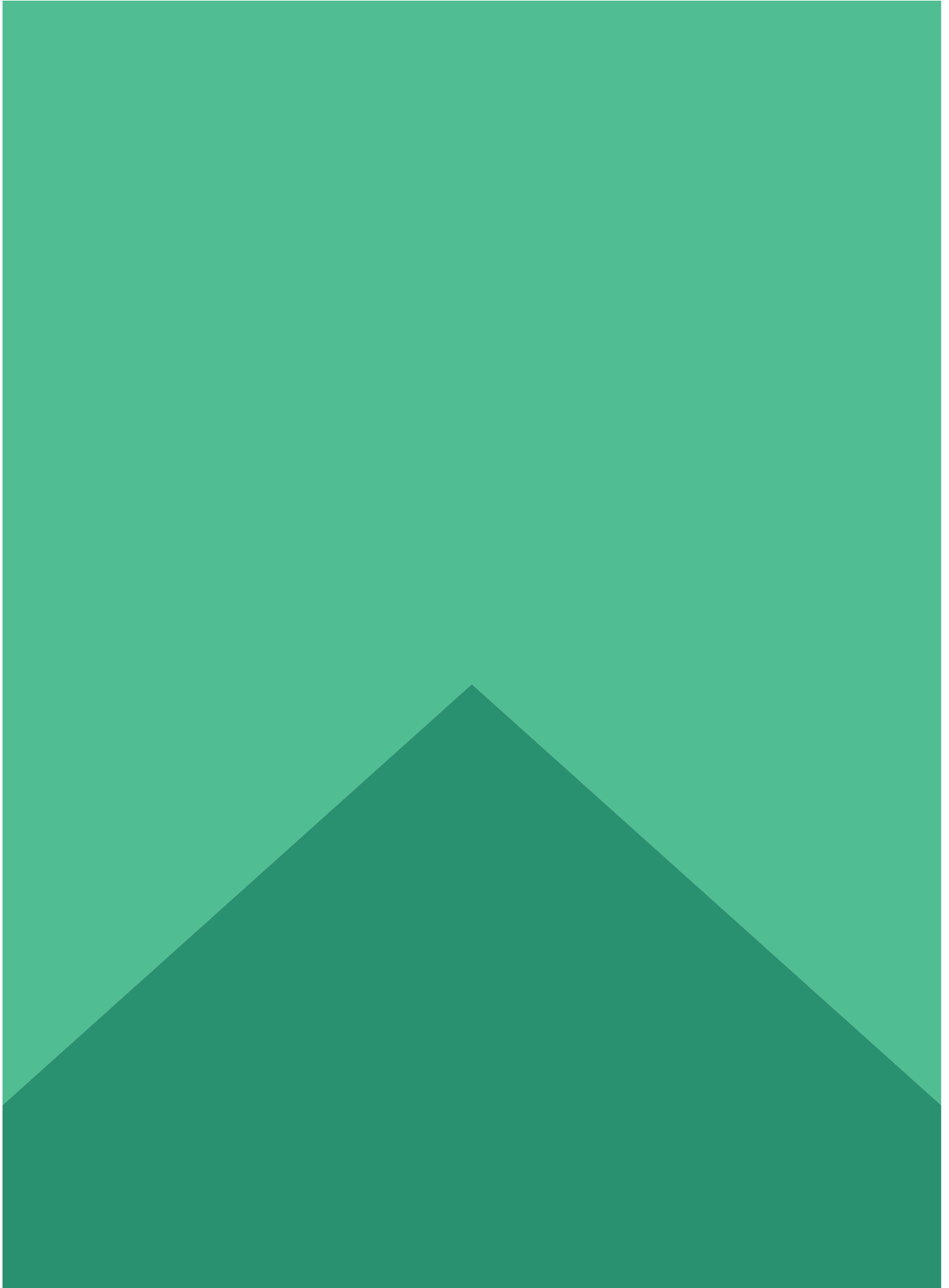
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[How Do I Use Scrum on Data Warehouse Projects? w/ Dave Nicolette](#)

In one of my recent Certified Scrum Master classes, I had a number of students who were working on projects involving migrating from a legacy data warehouse to new data warehouses. Figuring out how to apply Scrum to the work they were doing presented a number of challenges and left some open questions. Here are [ ...]

<https://www.leadingagile.com/podcast/how-do-i-use-scrum-on-data-warehouse-projects-w-dave-nicolette/>

[Maximizing the Amount of Work Not Done](#)

One of the principles of the Agile Manifesto reads: “Simplicity – the art of maximizing the amount of work not done – is essential.” Okay. What does that mean? Does it mean we should avoid doing our work to the extent possible? Well, not exactly. Consistency Between Lean and Agile Principles Without coming at the [ ...]

<https://www.leadingagile.com/2019/03/maximizing-the-amount-of-work-not-done/>

[Prioritizing the Work to Maximize Return w/ Dennis Stevens](#)

This week, on SoundNotes, we’ve got Part 3 of a trio of interviews with LeadingAgile Chief Methodologist and Co-Founder Dennis Stevens. The series focuses on how to build an organization that can embrace change. In the final episode of the series, Dennis and Dave cover how to prioritize work being done to maximize return. During [ ...]

<https://www.leadingagile.com/podcast/prioritizing-the-work-to-maximize-return-w-dennis-stevens/>

[Seeking Faster Feedback](#)

A couple of weeks ago my wife and I were returning to Atlanta from Virginia where we’d spent the holidays with family. As we got close to Atlanta, we noticed what looked to be a major accident on I-85 heading north out of town (judging from the number of lights we saw). It was confirmed [ ...]

<https://www.leadingagile.com/2019/03/seeking-faster-feedback/>

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