

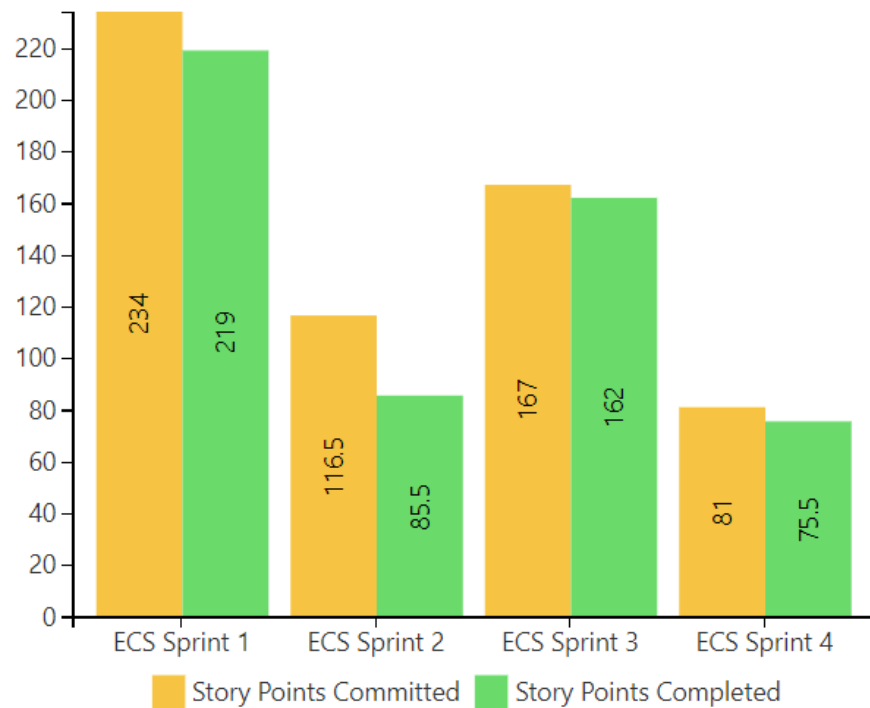
Calculating Velocity

Overview

The Source Table:

Key	T	Status	Sprint	Story Points
ECS-107	↑	DONE	ECS Sprint 4	5.0
ECS-106	📄	DONE	ECS Sprint 3	1.0
ECS-105	📄	DONE	ECS Sprint 3	13.0
ECS-104	📄	DONE	ECS Sprint 3	0.5
ECS-103	📄	DONE	ECS Sprint 3	8.0
ECS-102	📄	DONE	ECS Sprint 3	2.0
ECS-101	↑	DONE	ECS Sprint 3	0.5
ECS-100	↑	DONE	ECS Sprint 3	5.0
ECS-99	↑	DONE	ECS Sprint 2	20.0
ECS-98	📄	DONE	ECS Sprint 3	5.0
ECS-97	↑	DONE	ECS Sprint 3	20.0
ECS-96	📄	DONE	ECS Sprint 1	8.0
ECS-95	📄	DONE	ECS Sprint 1	13.0

The Result:



sprint	Story Points Committed	Story Points Completed	Velocity
ECS Sprint 1	234.0	219.0	219.0
ECS Sprint 2	116.5	85.5	152.3
ECS Sprint 3	167.0	162.0	155.5
ECS Sprint 4	81.0	75.5	135.5

Macro combination:

1. Insert the [Jira Issues](#) macro.
2. Wrap the Jira Issues macro in the [Table Filter](#) macro.
3. Wrap the Table Filter macro in the [Pivot Table](#) macro.
4. Wrap the Pivot Table macro and the table containing statuses in the [Table Transformer](#) macro.
5. Wrap the Table Transformer macro in the [Chart from Table](#) macro.

Chart from Table | type = Column | is3d | column = sprint | aggregation = Story Points Committed,Story Poi...

Table Transformer | sql = SELECT 'sprint', MIN(TT1.'Sum of story points') AS 'Story Points Committed',MIN(T...

Pivot Table | column = sprint | row = Status | aggregation = story points | type = Sum | sort = false...

Table Filter | column = sprint | isOR = AND | separator = Point (.) | datepattern = M dd, yy | default.

Type / Key	Summary	Assignee	Reporter
00000000-0000	When Conference CallEnded users to hide the "ending started" image?	Unassigned	Unassigned
00000000-0001	Notifications - When notifications have been updated to use the API?	Unassigned	Unassigned
00000000-0002	Notifications - All comment notifications have been updated to use the API?	Unassigned	Unassigned
00000000-0003	Notifications - Create page notifications have been updated to use the API?	Unassigned	Unassigned
00000000-0004	Can't add a tag to a comment after you start to reply to a comment	Unassigned	Unassigned
00000000-0005	Comment plugin can break when comment is in the editor	Unassigned	Unassigned
00000000-0006	Comments extension (Blueprint) does not work on an HTML comment	Unassigned	Unassigned
00000000-0007	Can't delete during comments, comments appear on the left, with no pointer	Unassigned	Unassigned
00000000-0008	Update PHP version to 7.3.2	Unassigned	Unassigned
00000000-0009	Missing issue in table of image Blueprint - Check where table is missing	Unassigned	Unassigned
00000000-0010	As an administrator I should see a Global Color Scheme page that matches the page in table, color scheme page	Unassigned	Unassigned
00000000-0011	Large report request comes in being	Unassigned	Unassigned
00000000-0012	Provide a way for a plugin developer to generate dynamic content into their Blueprint	Unassigned	Unassigned
00000000-0013	Processing "add" on a comment page loads the table always blank on the table?	Unassigned	Unassigned
00000000-0014	Table Filter group does not show left margin on P.O.	Unassigned	Unassigned

Macro configuration

Table Filter:

Filter Column	Sprint
Filter Type	Dropdown
Filter Values	Reversed filter '-empty-'

Pivot Table:

Row Labels	Sprint
Column Labels	Status
Calculated Column	Story points
Operation Type	Sum

See also a page: [Aggregating Tasks when One Task is Included in Multiple Sprints](#)

Table Transformer:

Use the following SQL query:

```

SELECT 'sprint',
MIN(TT1.'Sum of story points') AS 'Story Points Committed',
MIN(TT1.'Sum of story points Done') AS 'Story Points Completed',
AVG(TT2.'Sum of story points Done') AS 'Velocity'
FROM T1 AS TT1
JOIN T1 AS TT2 on TT1.'sprint' >= TT2.'sprint'
WHERE TT1.'sprint'<>"Total"
GROUP BY TT1.'sprint'
ORDER BY TT1.'sprint'

```

Additional parameters:

- Set the [Decimal places](#) option: 1.

Chart from Table:

Type	Column
Labels Column	Sprint
Values Column	Story Points Committed, Story Points Completed

Bonus: how to calculate the number of sprints to complete all the unresolved story points depending on the latest value of the team's Velocity

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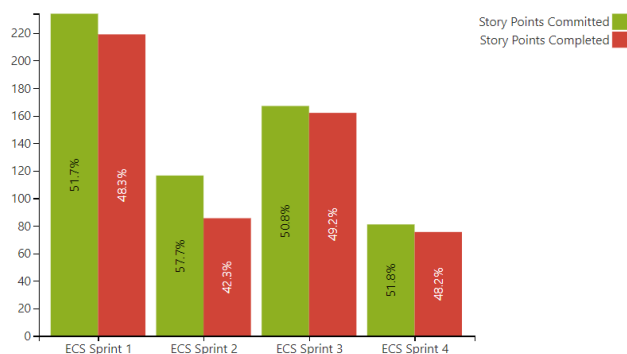
Calculating Velocity

Created by Vadim Rutkevich, last modified just a moment ago

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107 issues Refresh Only currently displayed rows of the table can be filtered, aggregated and visualized.

Number of sprints to complete unresolved story points
0.6



Macro combination:

1. Insert a table with two columns and rows. Name the first column 'Velocity' and the second column 'Story points unresolved'.
2. In the first column:
 - a. Insert the Table Transformer macro calculating Velocity (according to the instructions above) with the help of the [Table Excerpt](#) and [Table Excerpt Include](#) macros).
 - b. Wrap the Table Excerpt Include macro in the [Table Transformer](#) macro.
3. In the second column:
 - a. Insert the [Jira Issues](#) macro.
 - b. Wrap the Jira Issues macro in the [Table Filter](#) macro.
 - c. Wrap the Table Filter macro in the [Pivot Table](#) macro.
4. Wrap the table in the [Pivot Table](#) macro.
5. Wrap the Pivot Table macro in the [Table Transformer](#) macro.

Macro configuration:

For the first column of the table:

Table Transformer:

Use the following SQL query:

```
SELECT TOP 1 'Velocity' FROM T1 ORDER BY 'sprint' DESC
```

For the second column of the table:

Table Filter:

Filter Column	Status
Filter Type	Dropdown
Filter Values	Reversed filter 'Done'

Pivot Table:

Row Labels	-
Column Labels	-
Calculated Column	Story points
Operation Type	Sum

For the whole table:

Pivot Table:

Row Labels	-
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Column Labels	-
Calculated Column	Velocity, Story points unresolved
Operation Type	Sum

Table Transformer:

Use the following SQL query:

```
SELECT ('Sum of Story points unresolved' / 'Sum of Velocity') AS 'Number of sprints to complete unresolved story points' FROM T*
```

Additional parameters:

- Set the [Decimal places](#) option: 1.

