

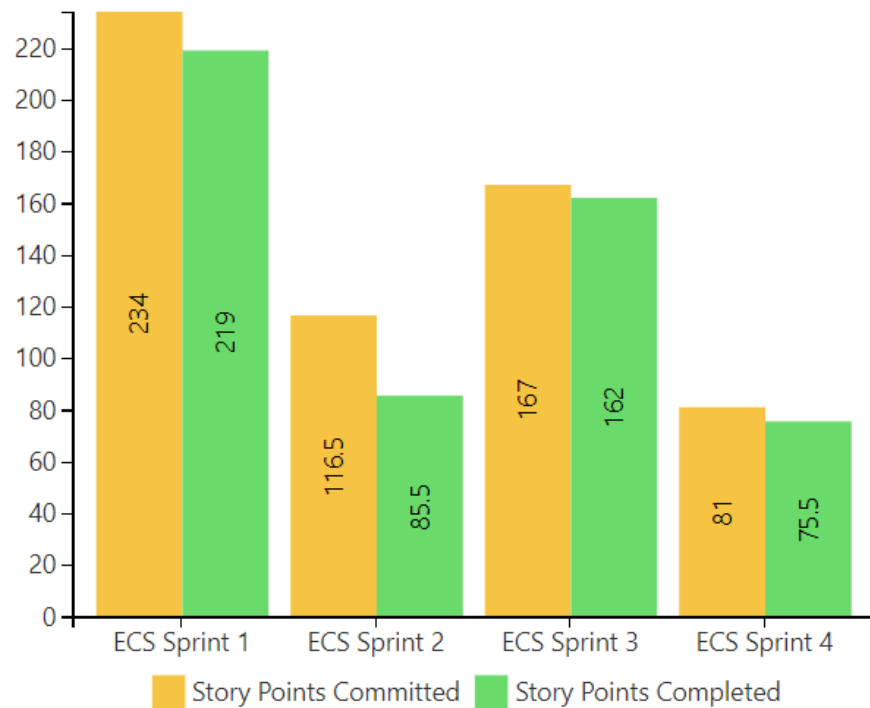
Calculating Velocity

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(T1.'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
02 00ARDEV-10362	When Conference Information seems to hide the "Spring related" notes?	Unassigned	Doug Peckoff
02 00ARDEV-10371	Exclusions - When modifications have been updated to use the @20...	Doug Peckoff [Allison]	Unassigned
02 00ARDEV-10377	Exclusions - Add comment modifications have been updated to use the @20...	Unassigned	Pragya Rao [J]
02 00ARDEV-10380	Exclusions - Create pager modifications have been updated to use the @20...	Pragya Rao [Allison]	Trid Patnash
02 00ARDEV-10383	Can't add a top level comment after you click to reply to a comment	Trid Patnash [Allison]	Trid Patnash
02 00ARDEV-10385	Exclusion pager can break auto-collapse on the index	Trid Patnash [Allison]	Unassigned
02 00ARDEV-10387	Customer interface (Support) does not work as an @2010 context	Unassigned	Shed Allison
02 00ARDEV-10378	Editor Message during parameter comments appear on the left, with no person	Shed Allison [Allison]	Unassigned
02 00ARDEV-10382	Update LPM version to 3.0.2	Unassigned	Unassigned
02 00ARDEV-10381	Missing issue in Index of Image Browser - Check when looking an image	Unassigned	Elis Berke [J]
02 00ARDEV-10384	We are administrators I should use a Global Color Column page that matches the report body color column page	Elis Berke [Allison]	Unassigned
02 00ARDEV-10375	Large report report context is being	Unassigned	Unassigned
02 00ARDEV-10403	Provide a way for a pager developer to generate dynamic content into their Support	Unassigned	Unassigned
02 00ARDEV-10401	Processing "Add" on a view page loads the index always. Should use the "Add"	Unassigned	Unassigned
02 00ARDEV-10404	Editor toolbar groups must have index @20 images on PLO	Unassigned	Shawn D Co

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

Dashboard / Testing space Home / 1. catworkx Midsummer Day 2019 Workshop Home

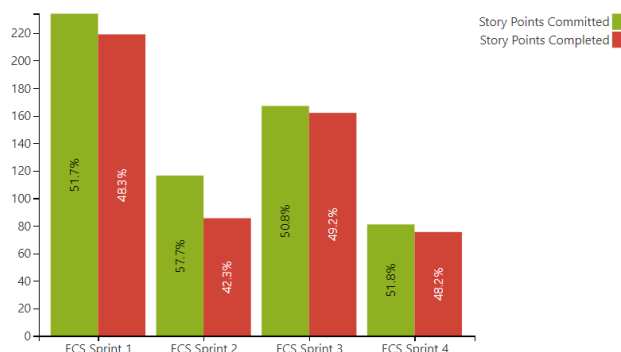
Calculating Velocity

Created by Vadim Rutkevich, last modified just a moment ago

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

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	-
------------	---

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.

