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Why You'll Love the New Rational Team Concert Widget with SAFe Support for Timebox-Based Planning

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ScrumMaster / SAFe Program Consultant (SPC)



February 21–25
MGM Grand & Mandalay Bay
Las Vegas, Nevada

A close-up photograph of a stack of books. The spines of the books are visible, showing various colors including yellow, pink, orange, green, and grey. The books are stacked in a slightly overlapping manner, creating a textured, layered effect.

in the beginning
there were
lots of Stories ...

MILESTONES /
EVENTS

Tiger

Psycho - PSI

Surprise

GUI Show
Credit Invoice
card info

Shopping Cart
Shipping

Flexi
Search

CC - S



PSI

however,
I think that ...

PROGRAM
BOARD

SPRINT
1.1

SPRINT
1.2

SPRINT
1.3

SPRINT
1.4

SPRINT 1.5
(HIP)

PSI 2 →

MILESTONES /
EVENTS

TIGER

Psycho-Psi

Surpris

NEED UX HELP

NEED SYS/ARCH
HELP

Help

Legal
Arch

Flex
UI
Design

Secure
Browser

Show
Order
Invoice

Flex
Search

DR Search

CP

... teams deserve a more
sophisticated tool to
visualize dependencies

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You'll love this new Timebox Planning Widget
because you will learn how it supports you in ...

... **visualizing dependencies** between
Stories and Features

... **planning and tracking** the **SAFe**
Program Increment (PI)

... **showing the team's resource needs**
transparently

Demo

SAFe

4 1
3 2

**Timebox
Widget
Introduction**

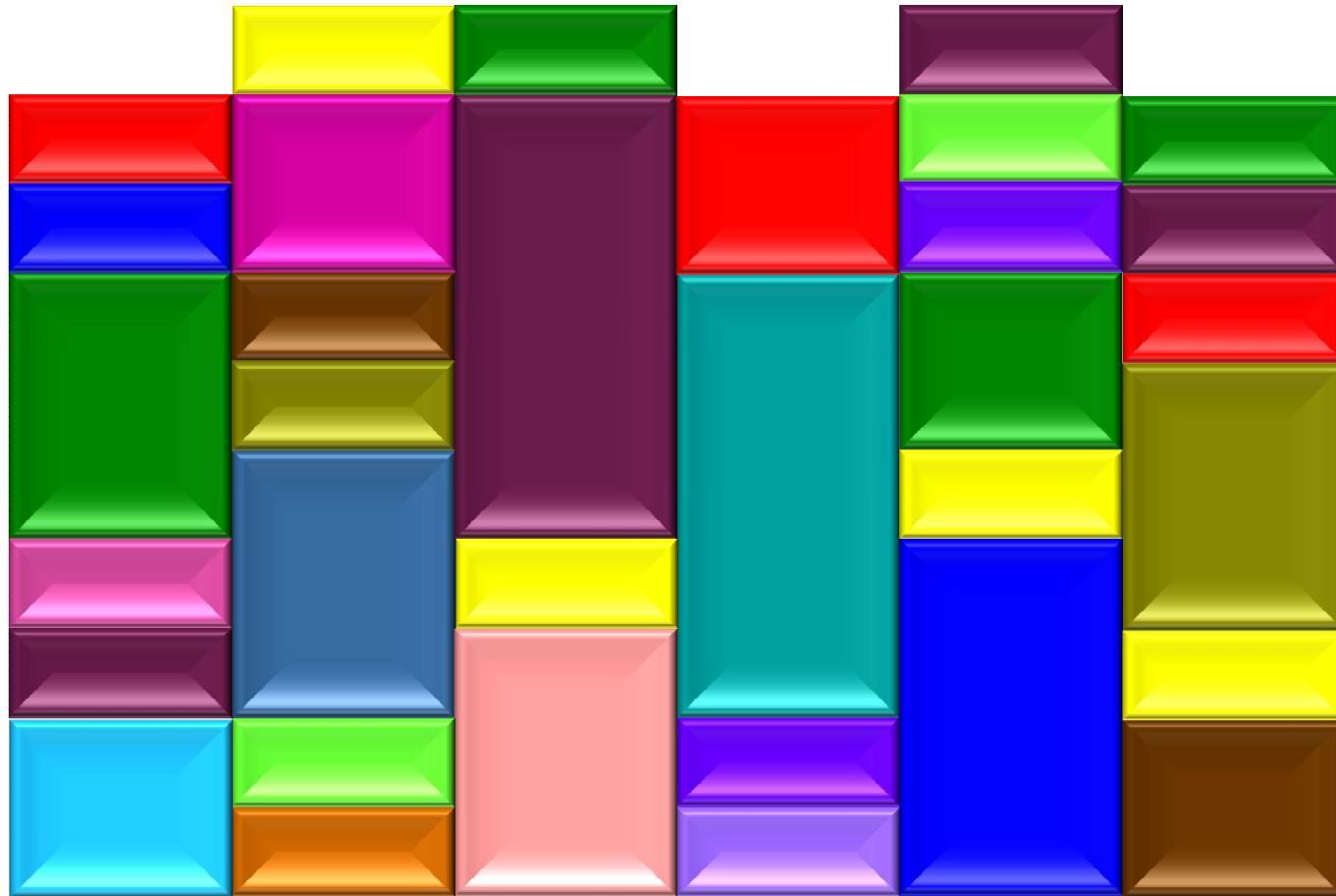
**Agile Teams
in Systems
Engineering**

A pile of colorful paper scraps with question marks on them.

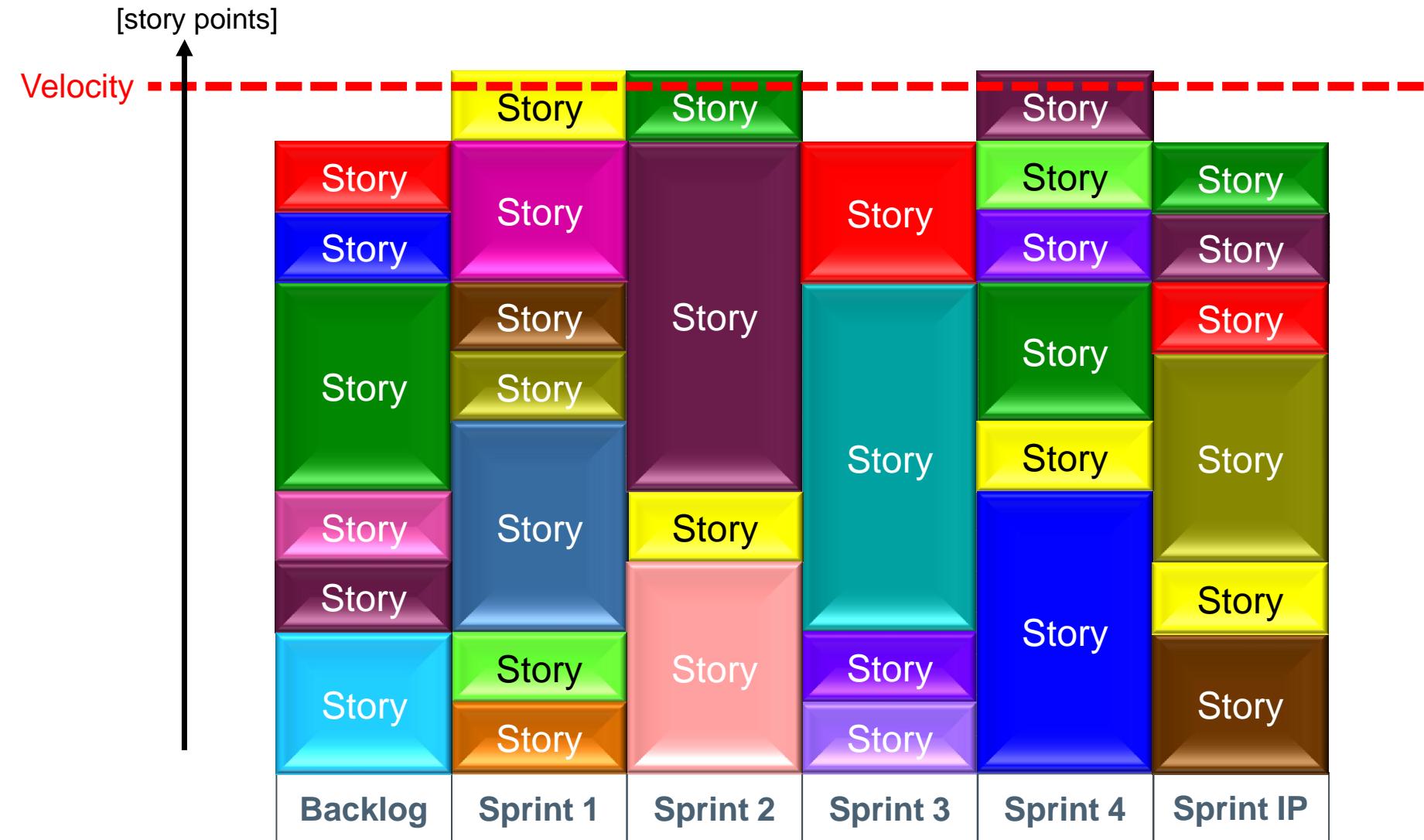
at the end

Timebox Widget Introduction

ScrumMaster-Tetris



ScrumMaster-Tetris to... „Timebox Planning“ view



Timebox Planning Widget

Basic Features

Timebox Planning Widget on the Dashboard

Change and Configuration Management (ccm)

Timebox Planning Demo Project

Project Dashboards ▾ Work Items ▾ Plans ▾ Source Control ▾ Builds ▾ Reports ▾

All Timebox Planning Demo Project Dashboards >

Timebox Planning Demo Project ?

Overview Timebox Team Backlogs Timebox Project Backlogs Demo Las Vegas (Project Pink - STORIES) ▾ Demo Las Vegas (Project Pink - EPICs) +

Project Pink Release Backlog (showing Stories of Teams Green, Yellow and Blue) Show Header

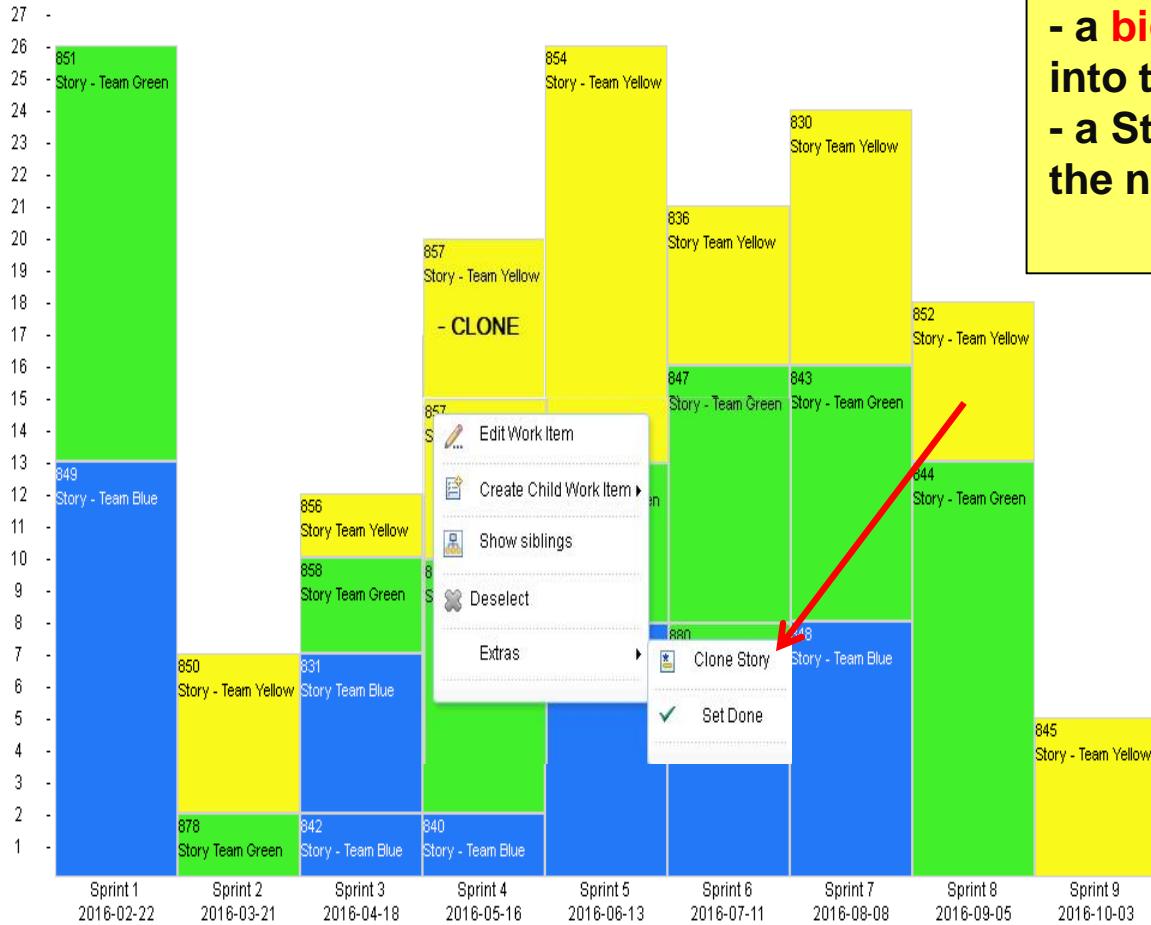
Project Pink Release Backlog (showing Stories)

Sprint	Date	Story ID	Team
Sprint 1	2016-02-22	849	Story - Team Blue
Sprint 2	2016-03-21	830	Story Team Yellow
Sprint 3	2016-04-18	831	Story Team Blue
Sprint 4	2016-05-16	853	Story - Team Green
Sprint 5	2016-06-13	834	Story - Team Blue
Sprint 6	2016-07-11	846	Story - Team Blue
Sprint 7	2016-08-08	848	Story - Team Blue
Sprint 8	2016-09-05	844	Story - Team Green
Sprint 9	2016-10-03	845	Story - Team Yellow
		840	Story - Team Blue
		850	Story - Team Yellow
		851	Story - Team Green
		852	Story - Team Yellow
		854	Story - Team Yellow
		838	Story - Team Green
		847	Story - Team Green

Timebox Planning Widget

clone a Story (copies all fields and the parent-link)

[story points]

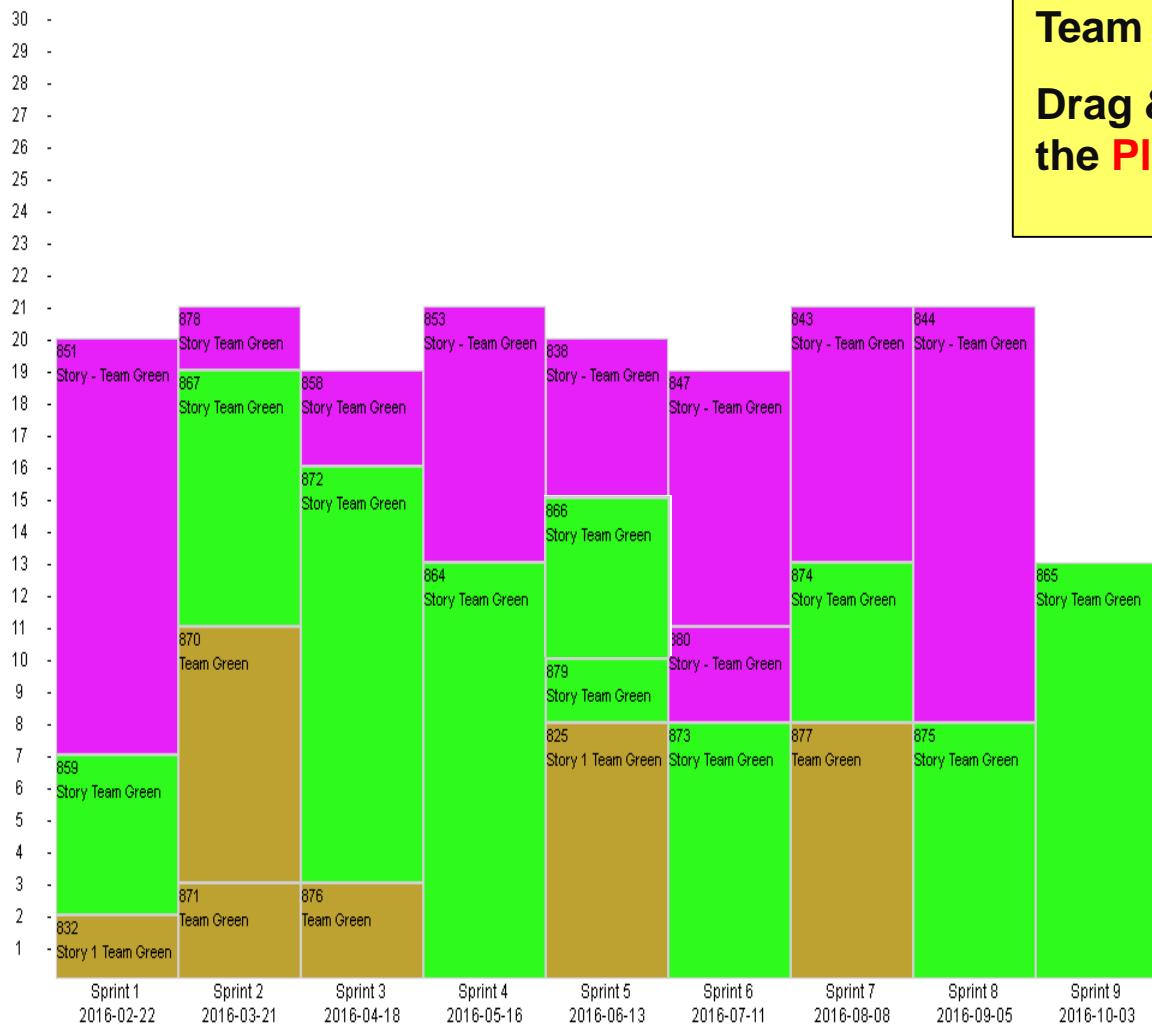


Release Backlog View

- a **big Story** shall be split up into two smaller ones
- a **Story** will be **continued** in the next Sprint

drag & drop

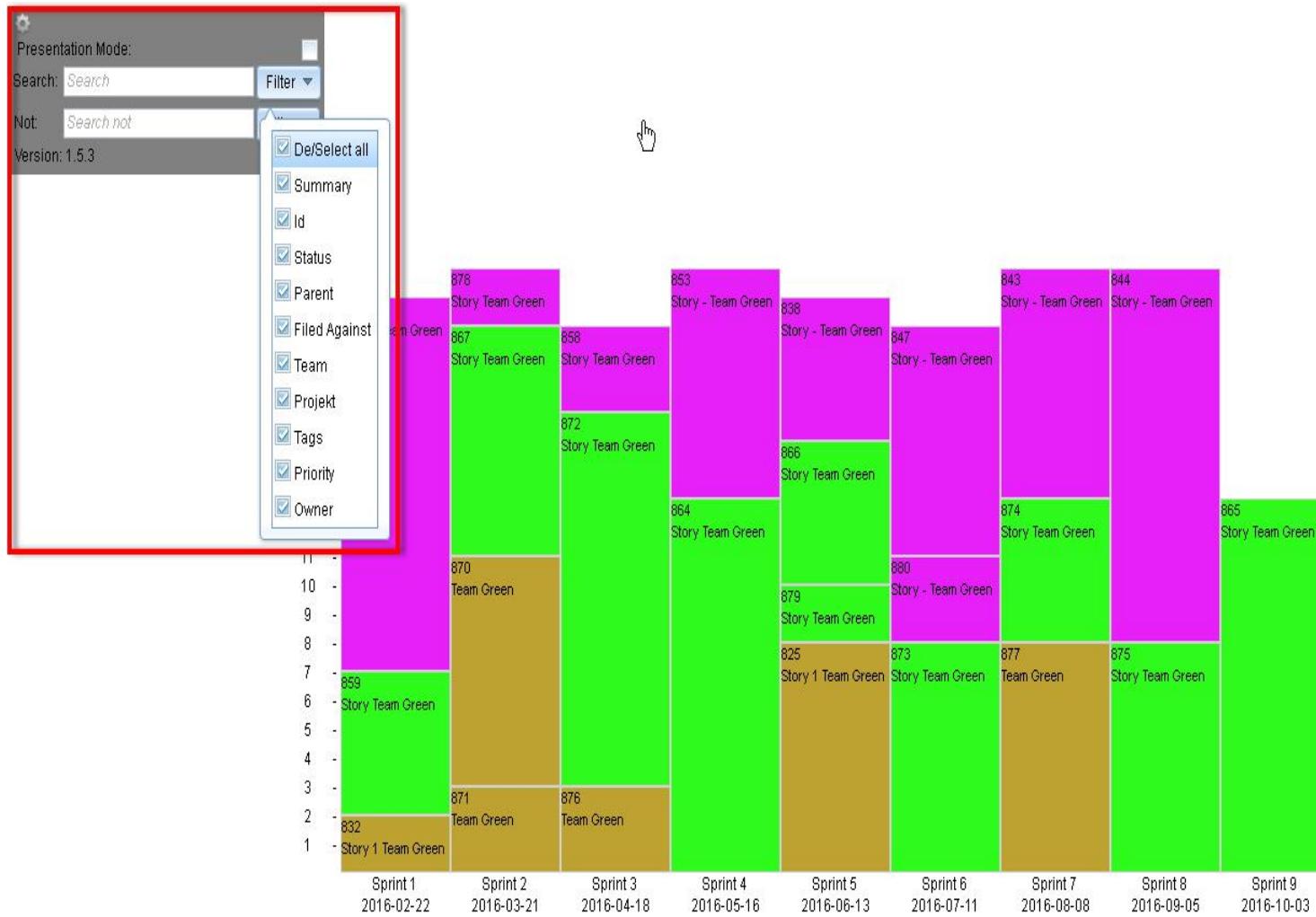
[story
points]



Team Backlog View

Drag & Drop is very useful in
the **Planning Meeting**

powerful SEARCH



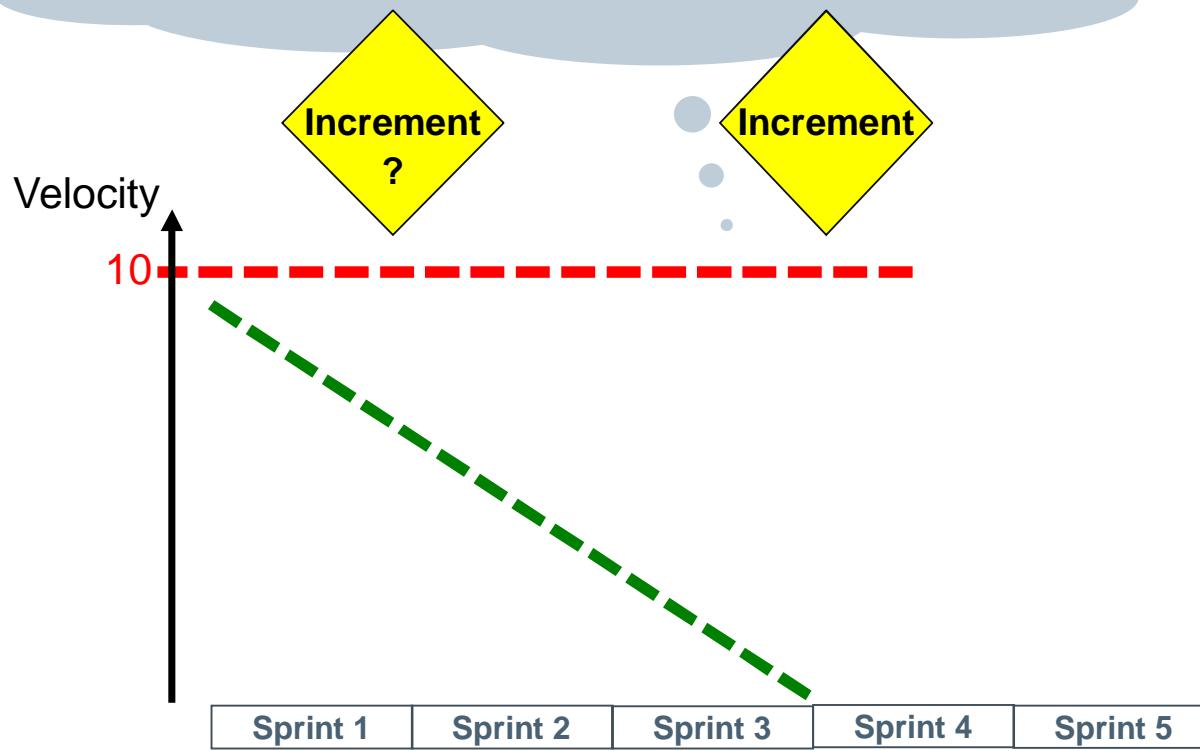
30
[story
points]



why do I need the Timebox Planning View?

Number of Story Points in Backlog / Velocity = Number of Sprints

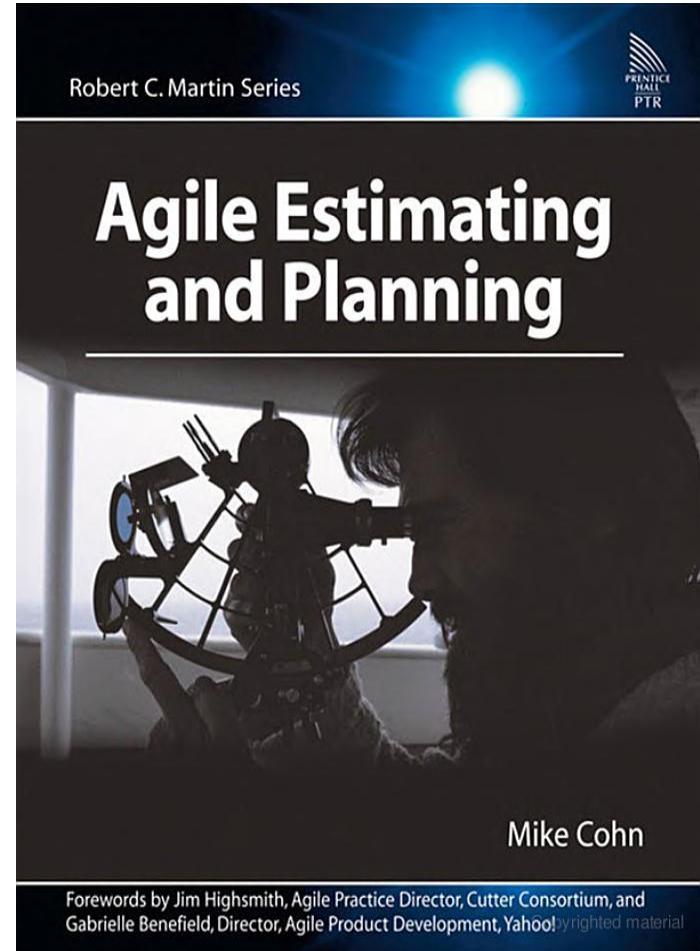
$$30 \text{ [Story Points]} / 10 \text{ [Story Points/Sprint]} = 3 \text{ Sprints}$$



rolling lookahead planning (by Mike Cohn)

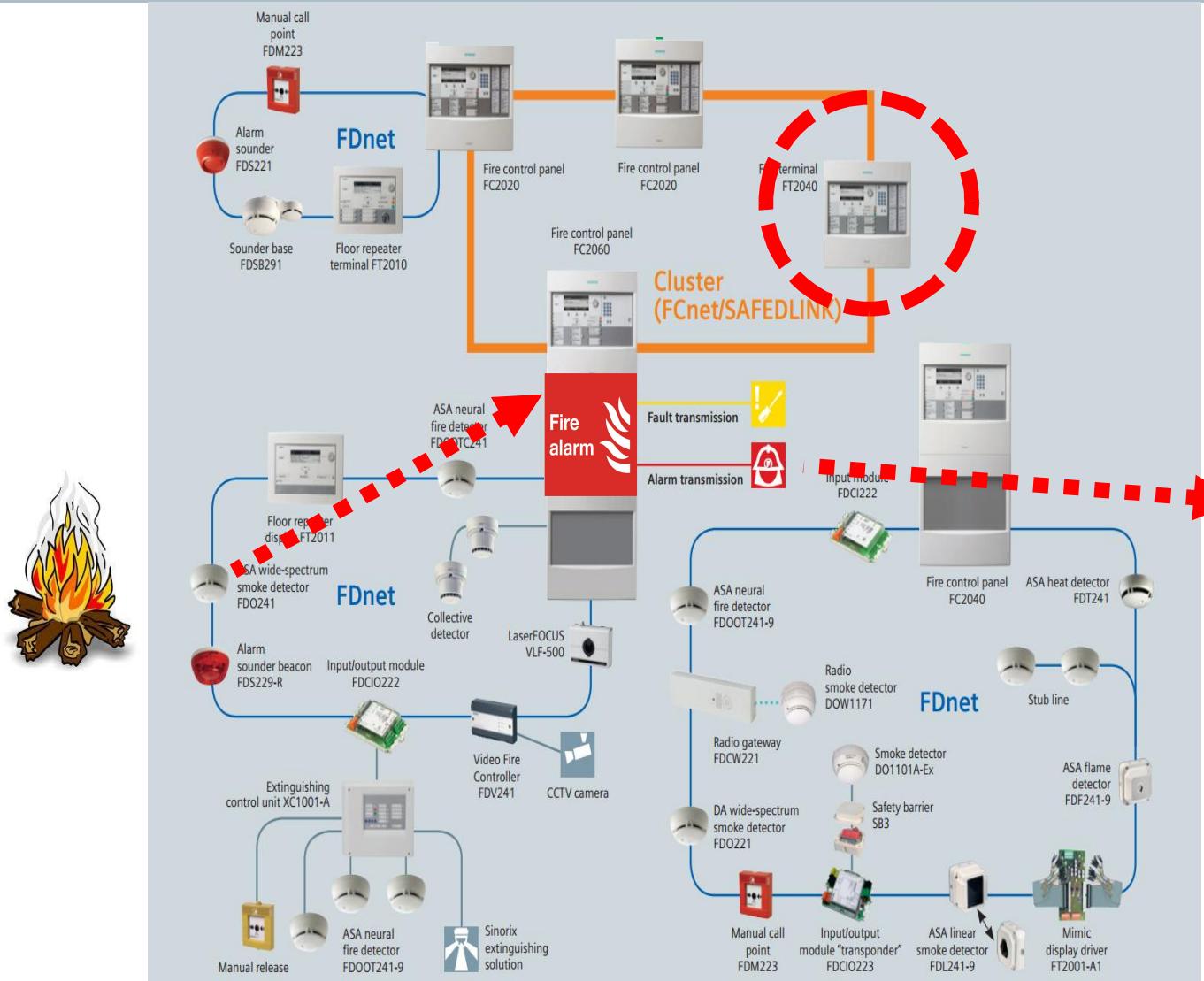
Quote:

multiple teams benefit from incorporating a rolling lookahead plan into their release planning process. A **rolling lookahead plan** simply **looks forward a small number of iterations** (typically only **two or three**) and allows teams to **coordinate work** by sharing information about **what** each will be **working on in the near future**.

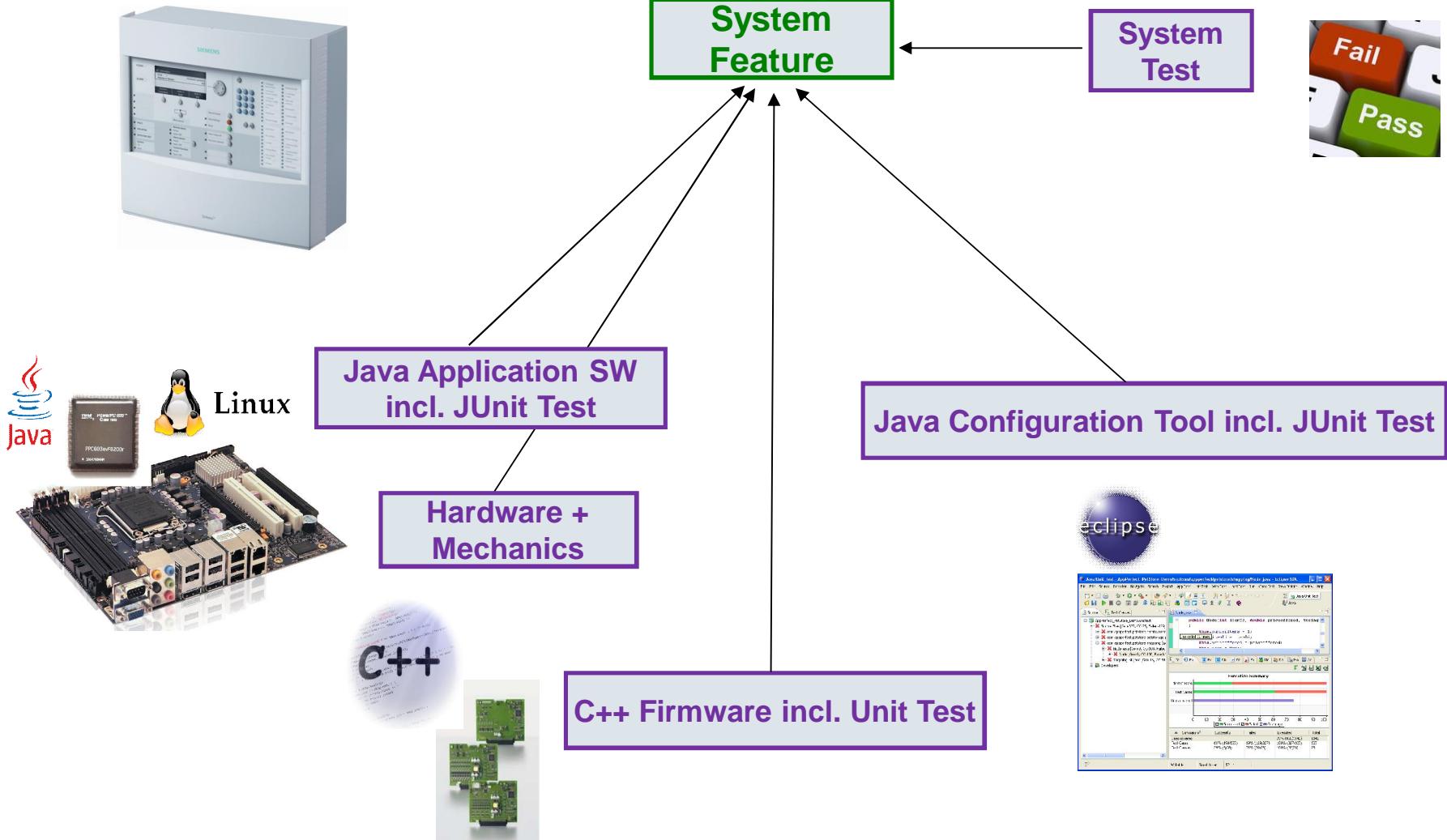


Agile Teams in Systems Engineering

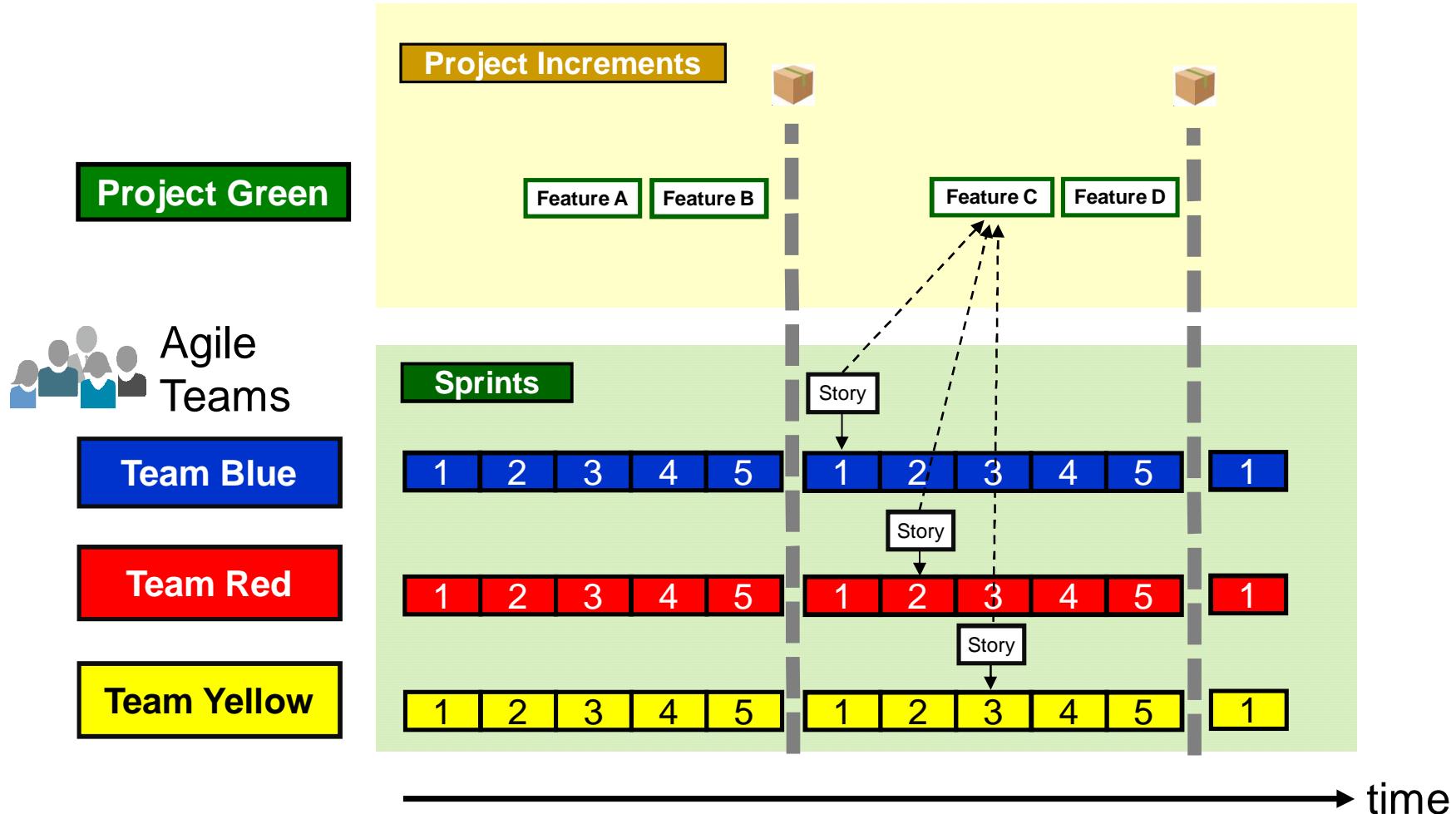
an example for Systems Engineering the topology of a Fire Safety System



Agile Teams contribute to a System Feature



The Project defines Increments ... Agile Teams run in concurrent Sprints

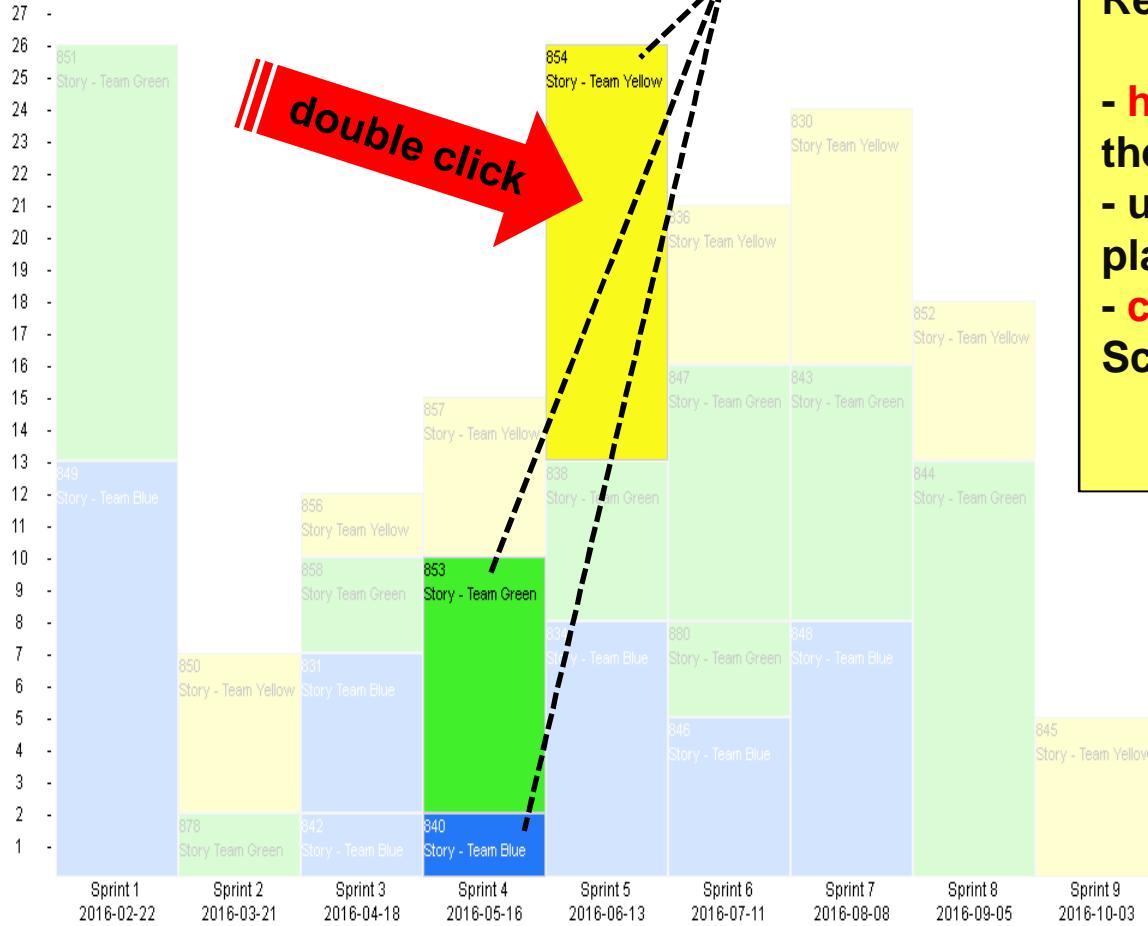


Timebox Planning Widget

Advanced Features

double-click a Story → show siblings
highlights all Stories from the same Feature

[story points]

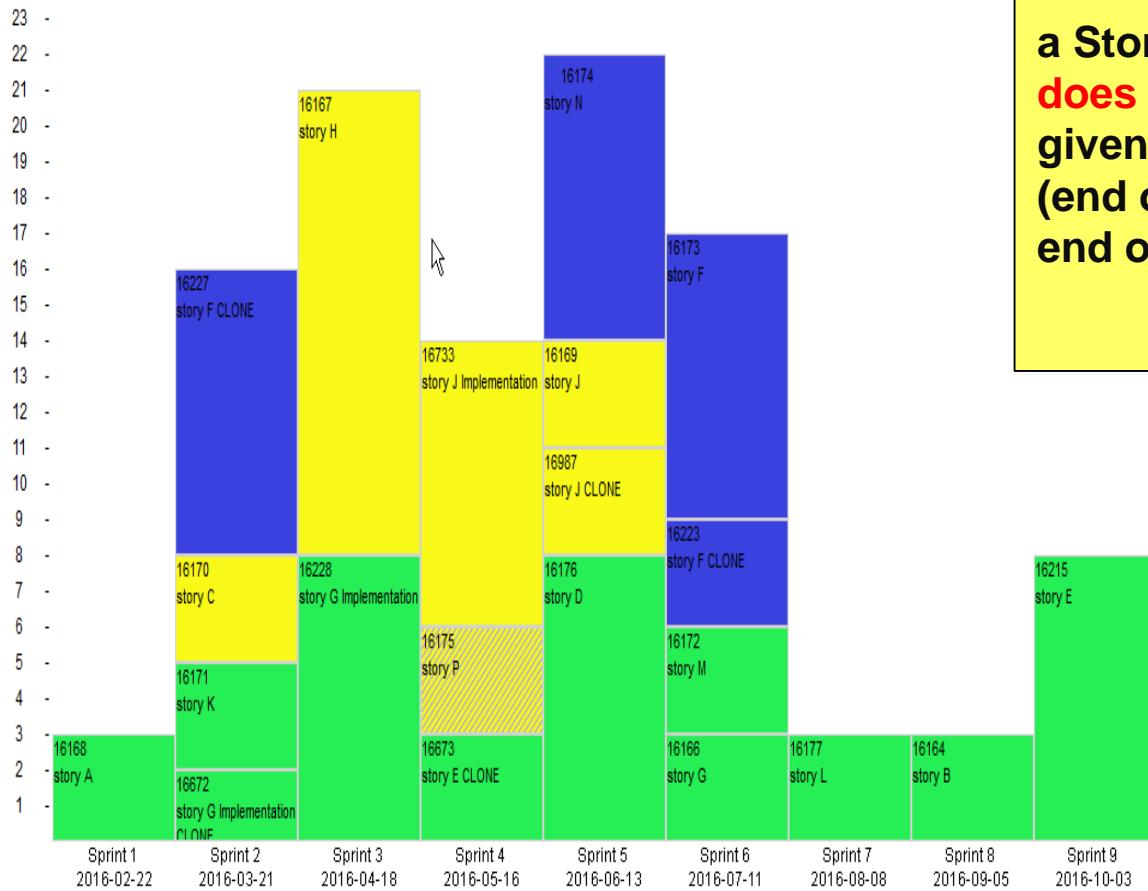


Release Backlog View

- highlights all Stories from the same System Feature
- used for Scrum-of-Scrum planning
- color corresponds with the Scrum Team

crosshatching marks Stories which don't meet deadline of the Increment

[story
points]



Release Backlog View

a Story is crosshatched if it
does not meet the deadline
given by the System Feature
(end of Sprint is compared to
end of Increment)

crosshatching marks Feature

if ≥ 1 Story doesn't meet deadline of the Increment

[story
points]



Release Backlog View

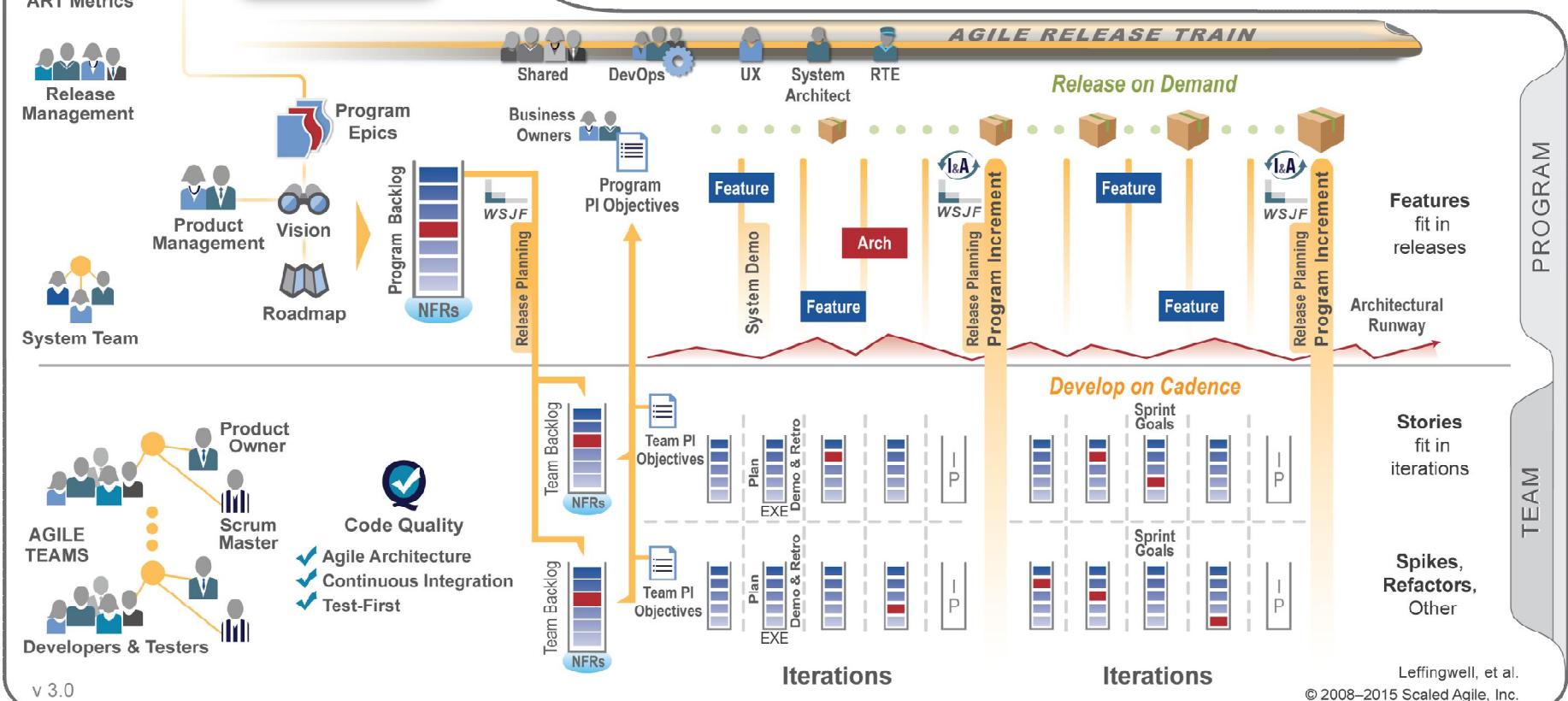
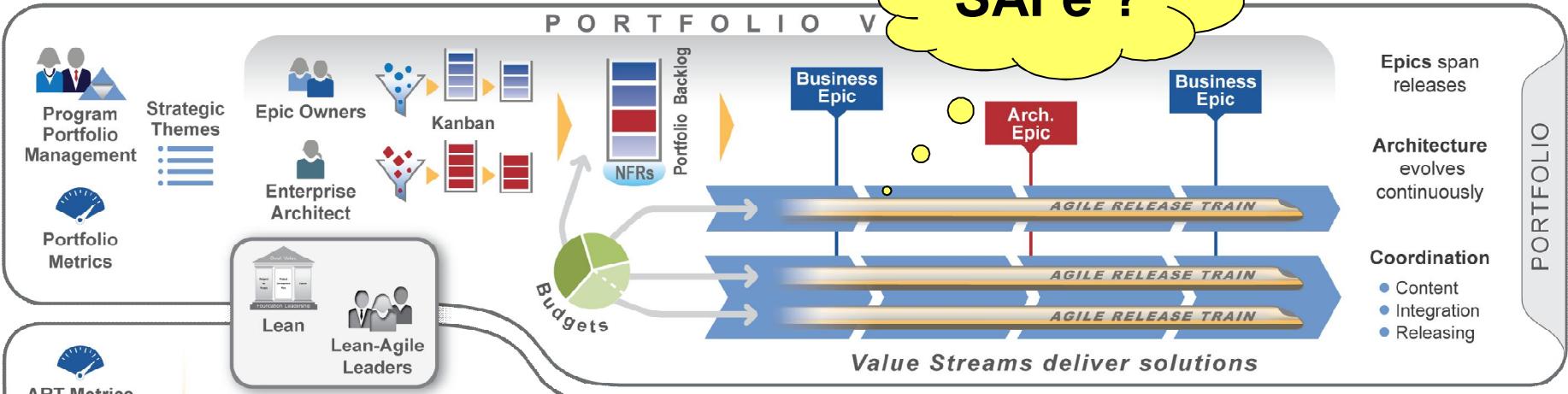
System Feature is crosshatched if one or more Stories do not meet the deadline given by the System Feature (end of Sprint is compared with end of Increment)

SAFe

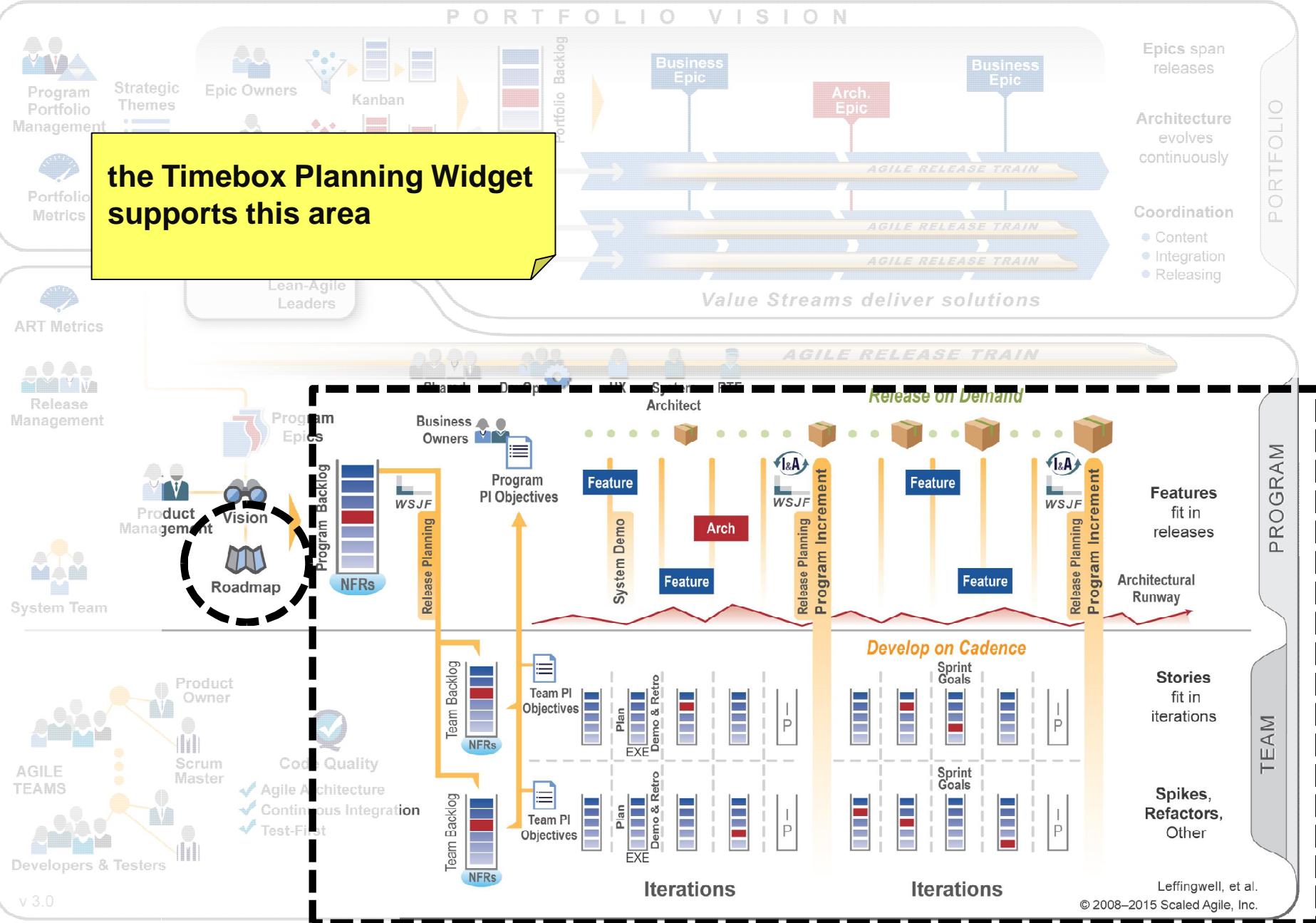
Scaled Agile Framework® 3.0



SAFE ?

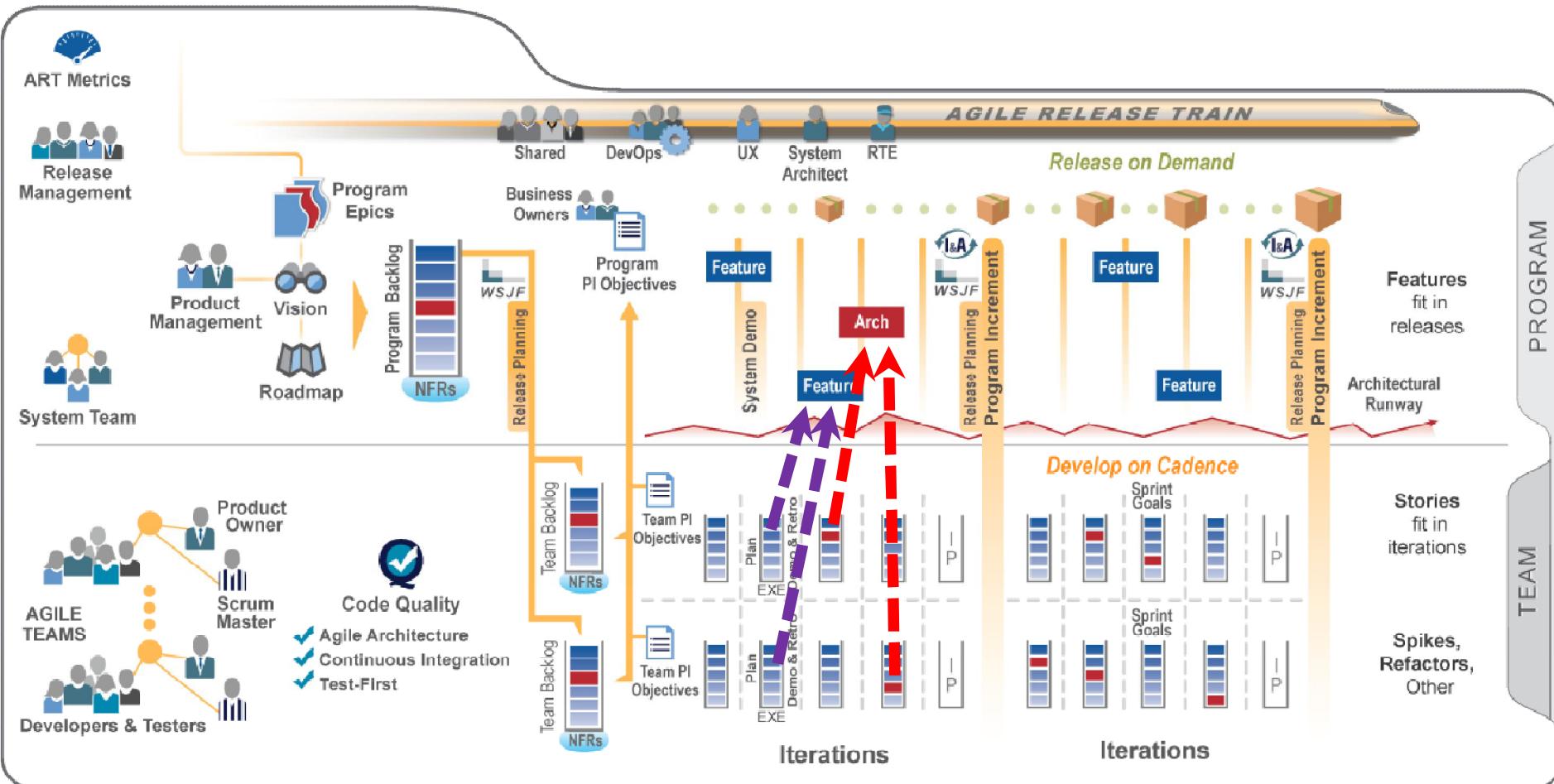


**the Timebox Planning Widget
supports this area**



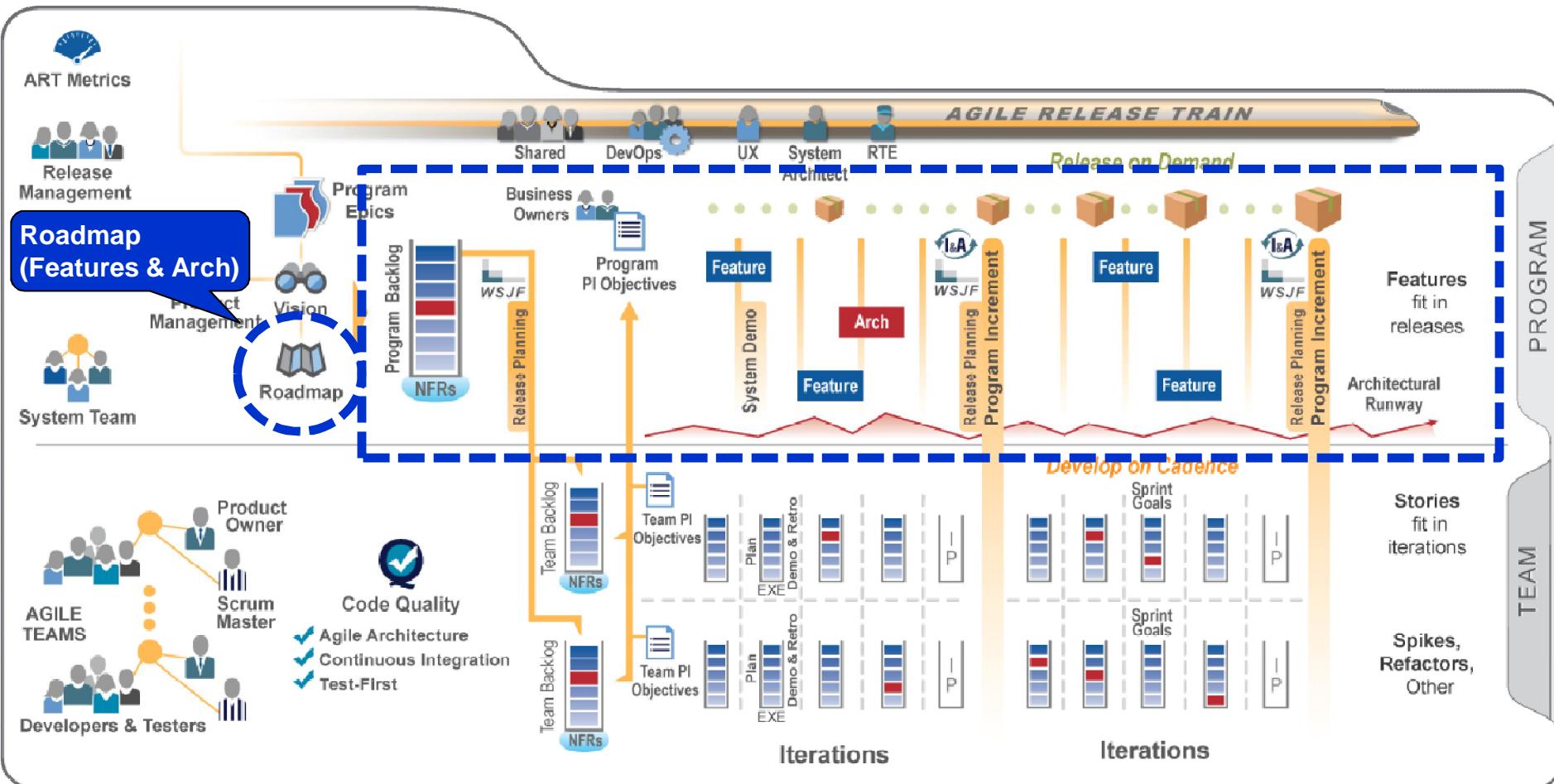
concurrent or sequential delivery of Stories

Apply the Widget for the Roadmap

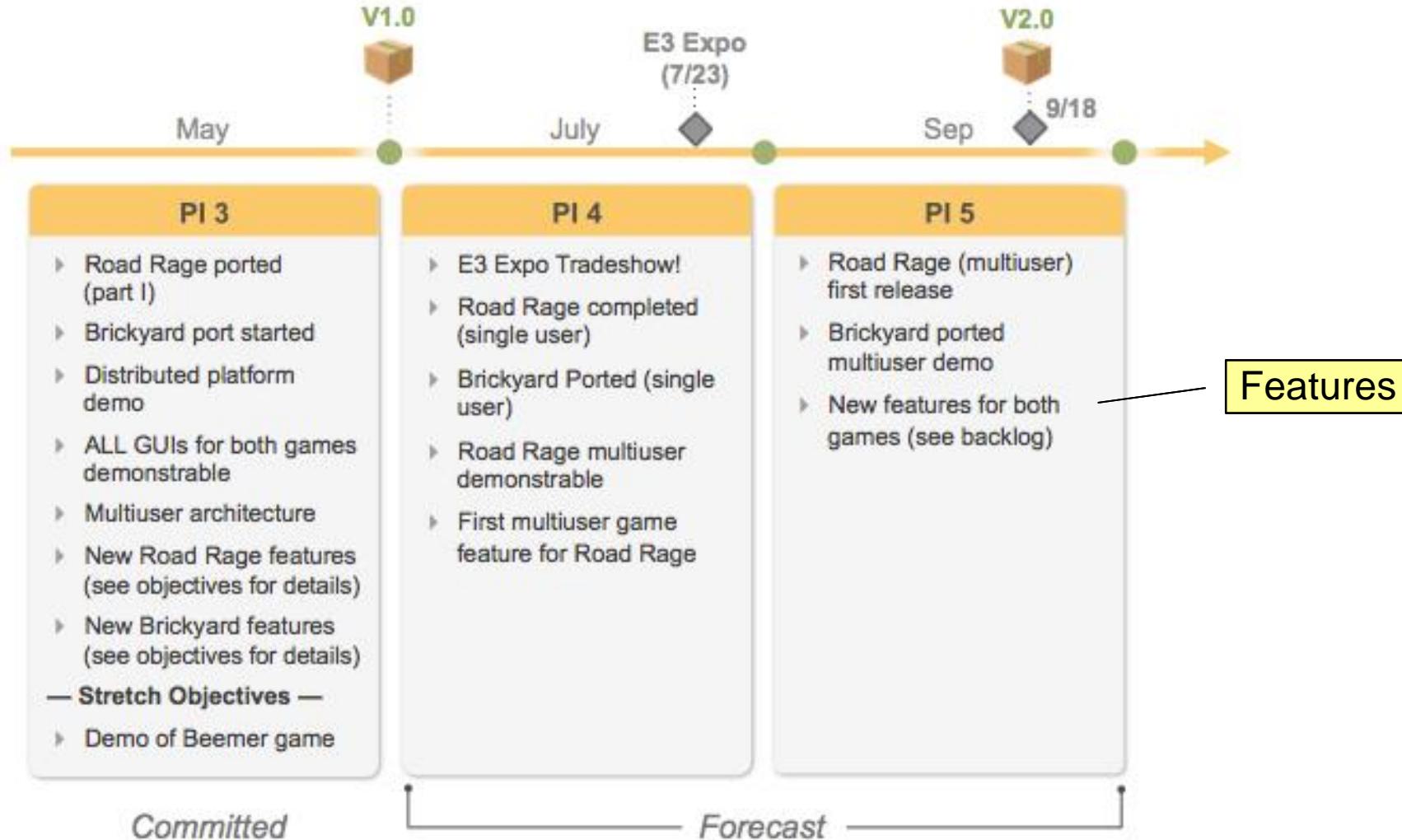


Scaled Agile Framework

Apply the Widget for the Roadmap

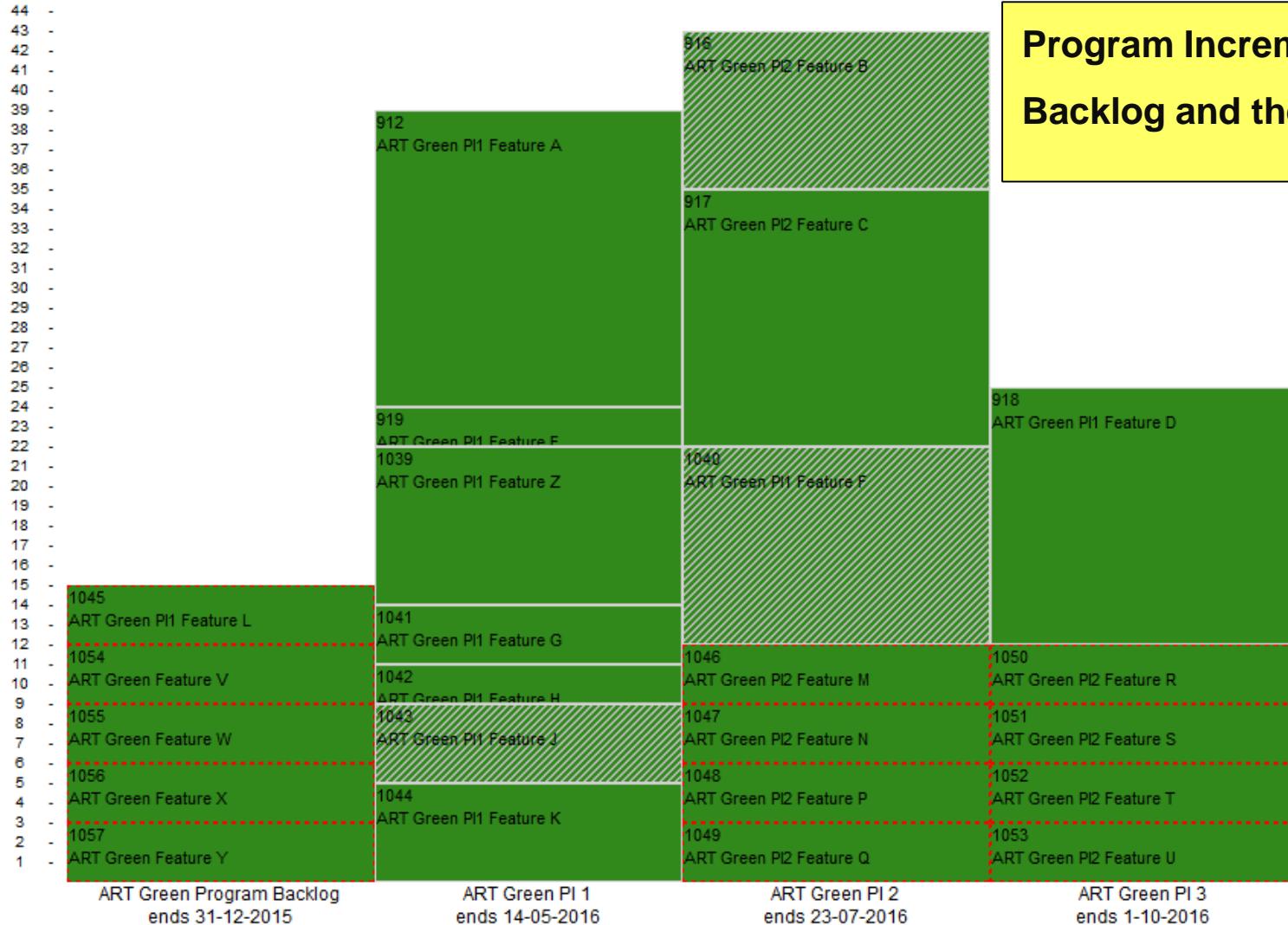


Roadmap example from SAFe



ART Green PROGRAM Roadmap

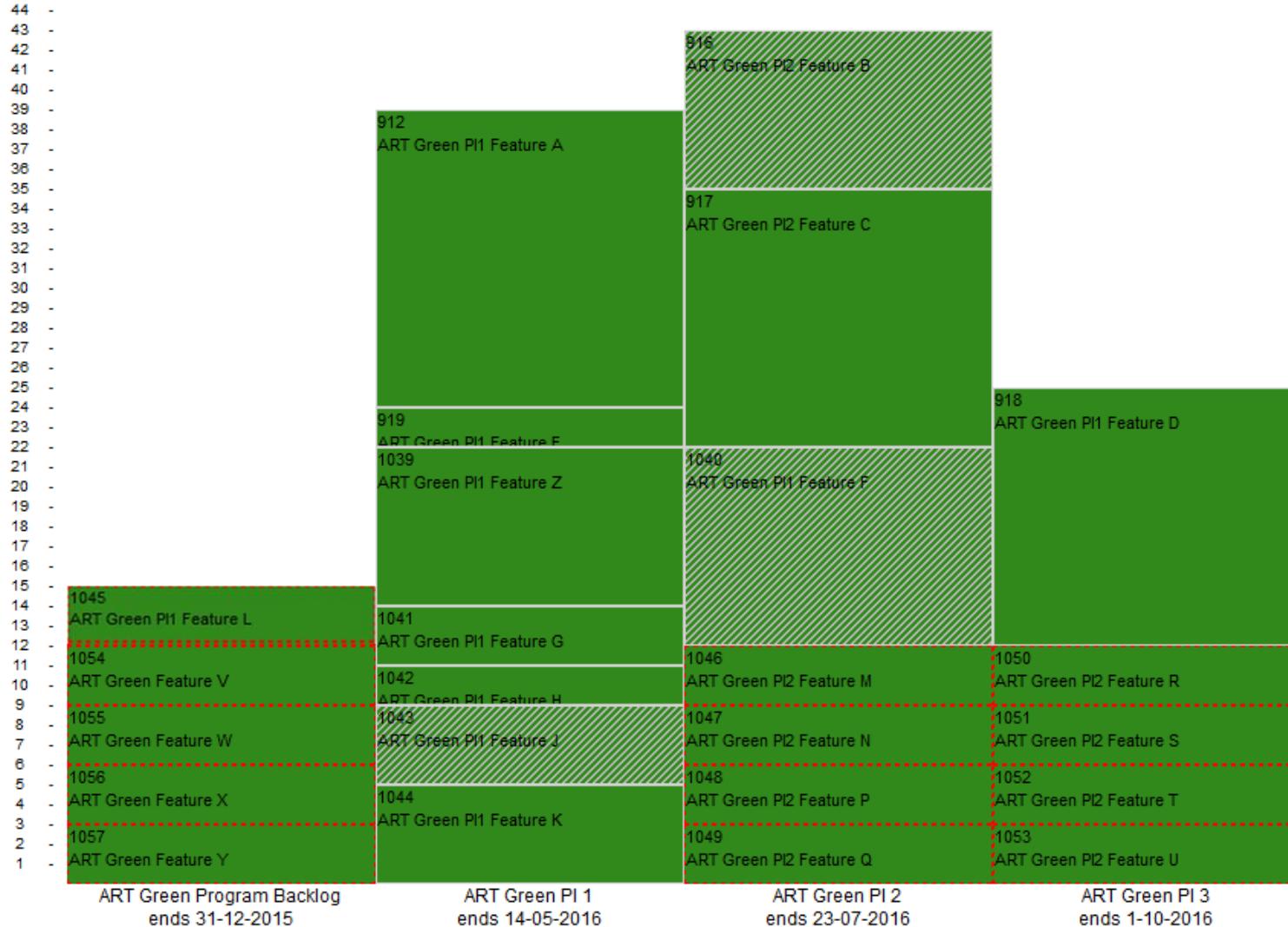
Timebox Planning Widget



Program Increments PI1 ... 3
Backlog and the next 3 PIs

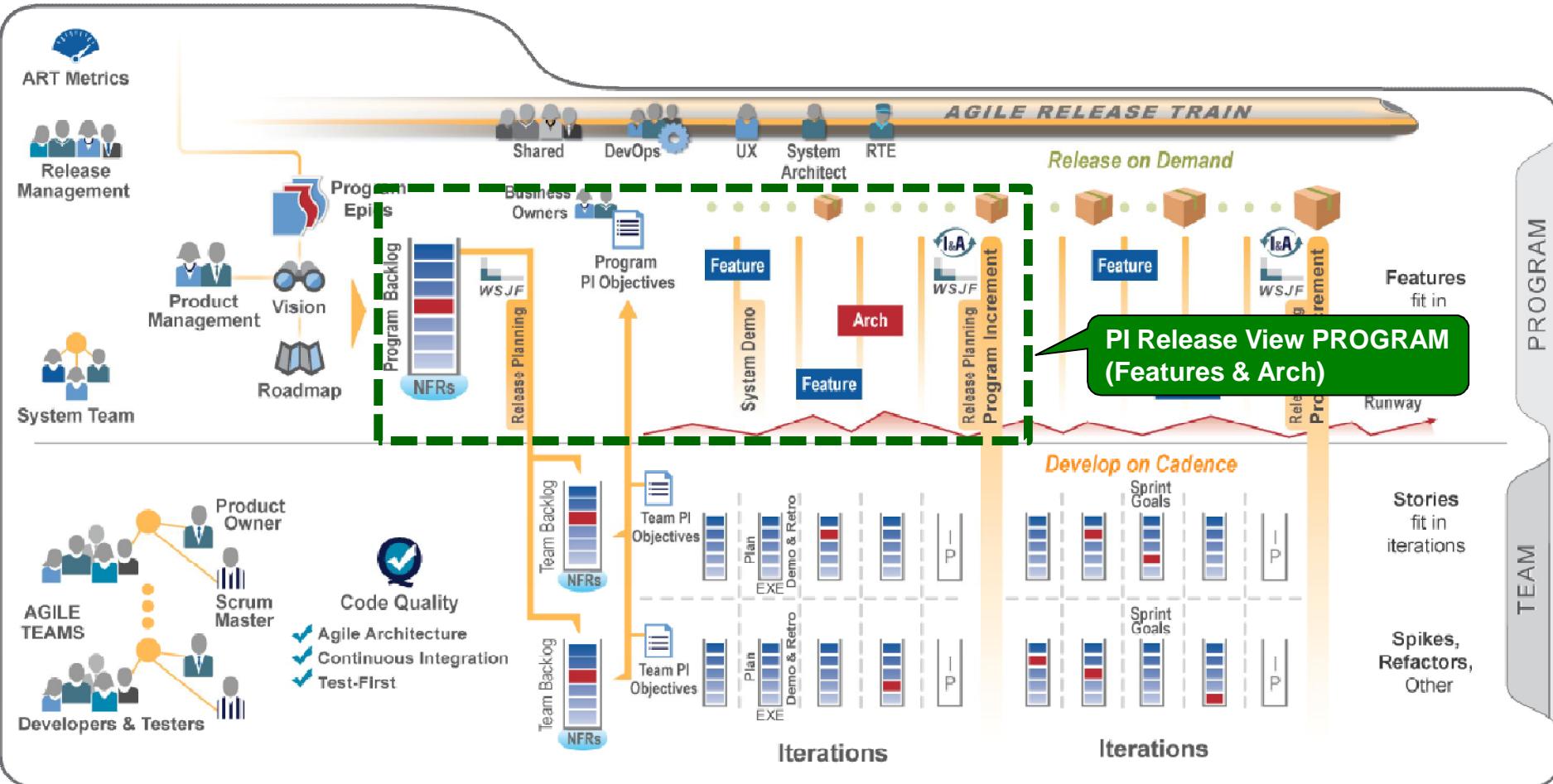
ART Green PROGRAM Roadmap

typical use case – drag & drop Features to PIs



Scaled Agile Framework

Apply the Widget for planning the Program Increment (PI)



ART Green Program Increment (PI)

Timebox Planning Widget



Program Increments PI1

red dashed box
→ no children

planning mismatch
→ cross-hatching

**Complexity in Story Points shown if children available
(adding up)**

ART Green Program Increment (PI)

typical use case – create child Story for Feature

The screenshot shows a Jira backlog interface. On the left, a vertical list of items from 1 to 43 is visible, with items 1 through 10 highlighted in green. In the center, a large green box represents the 'ART Green PI1' program increment, containing three feature work items: 'ART Green PI1 Feature E' (id 919), 'ART Green PI1 Feature F' (id 1040), and 'ART Green PI1 Feature G' (id 1041). At the bottom of the program increment, there is a single feature work item: 'ART Green Feature L' (id 1045). A context menu is open over the 'ART Green Feature L' item, with the 'Story' option selected. A red arrow points to the 'Story' option, and another red arrow points to the 'Create Child Item' option in the submenu.

43 -
42 -
41 -
40 -
39 -
38 -
37 -
36 -
35 -
34 -
33 -
32 -
31 -
30 -
29 -
28 -
27 -
26 -
25 -
24 -
23 -
22 -
21 -
20 -
19 -
18 -
17 -
16 -
15 -
14 -
13 -
12 -
11 - 1054
10 - ART Green Feature V
9 -
8 - 1055
7 - ART Green Feature W
6 -
5 - 1056
4 - ART Green Feature X
3 -
2 - 1057
1 - ART Green Feature Y

919
ART Green PI1 Feature E

1040
ART Green PI1 Feature F

1041
ART Green PI1 Feature G

1045
ART Green Feature L

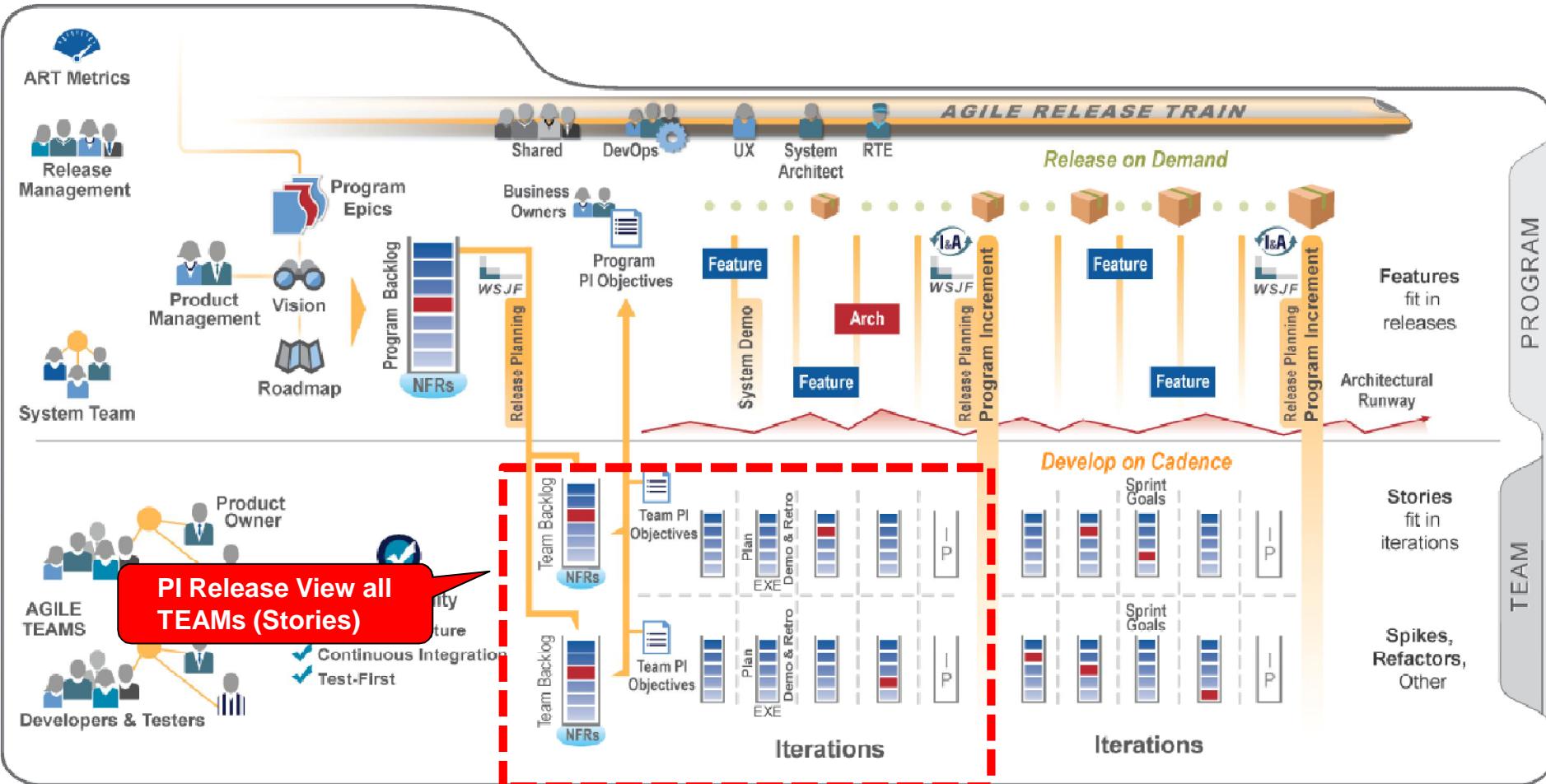
ART Green Program Backlog
ends 31-12-2015

ART Green PI 1
ends 14-05-2016

- Program Epic
- Feature
- Story**
- Task
- Defect
- PI Objective
- Retrospective
- Risk

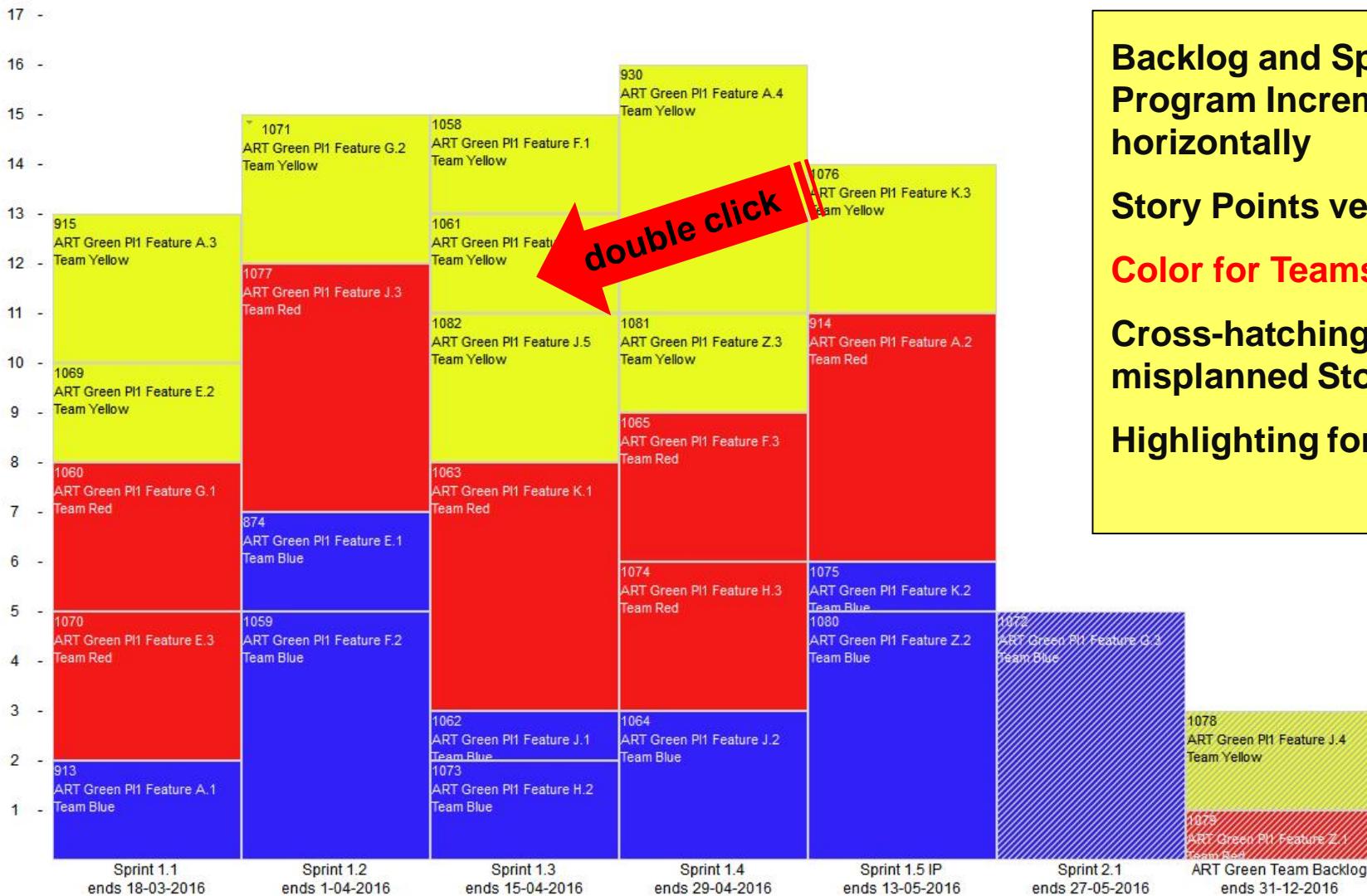
Scaled Agile Framework

Apply the Widget for **TEAM PI Planning** (visualizing all Teams)



ART Green TEAM PI Planning (visualizing all Teams)

Timebox Planning Widget



Backlog and Sprints of Program Increment PI1 horizontally

Story Points vertically

Color for Teams

Cross-hatching for misplanned Stories

Highlighting for Siblings

ART Green TEAM PI Planning (visualizing all Teams)

typical use case – double click to highlight Siblings

17 -

16 -

15 -

14 -

13 -

12 -

11 -

10 -

9 -

8 -

7 -

6 -

5 -

4 -

3 -

2 -

1 -



Backlog and Sprints of Program Increment PI1 horizontally

Story Points vertically

Color for Teams

Cross-hatching for misplanned Stories

Highlighting for Siblings

ART Green TEAM PI Planning (visualizing all Teams)

RTC Plan View („depends on“ – „blocks“ link types)

If show siblings is not sufficient
use link types „depends on“ and
„blocks“ in order to show
dependencies

ART Green PROGRAM PI 1

8 items: 8 open, 0 closed | Starts on: Mar 7, 2016

▶ Plan Details

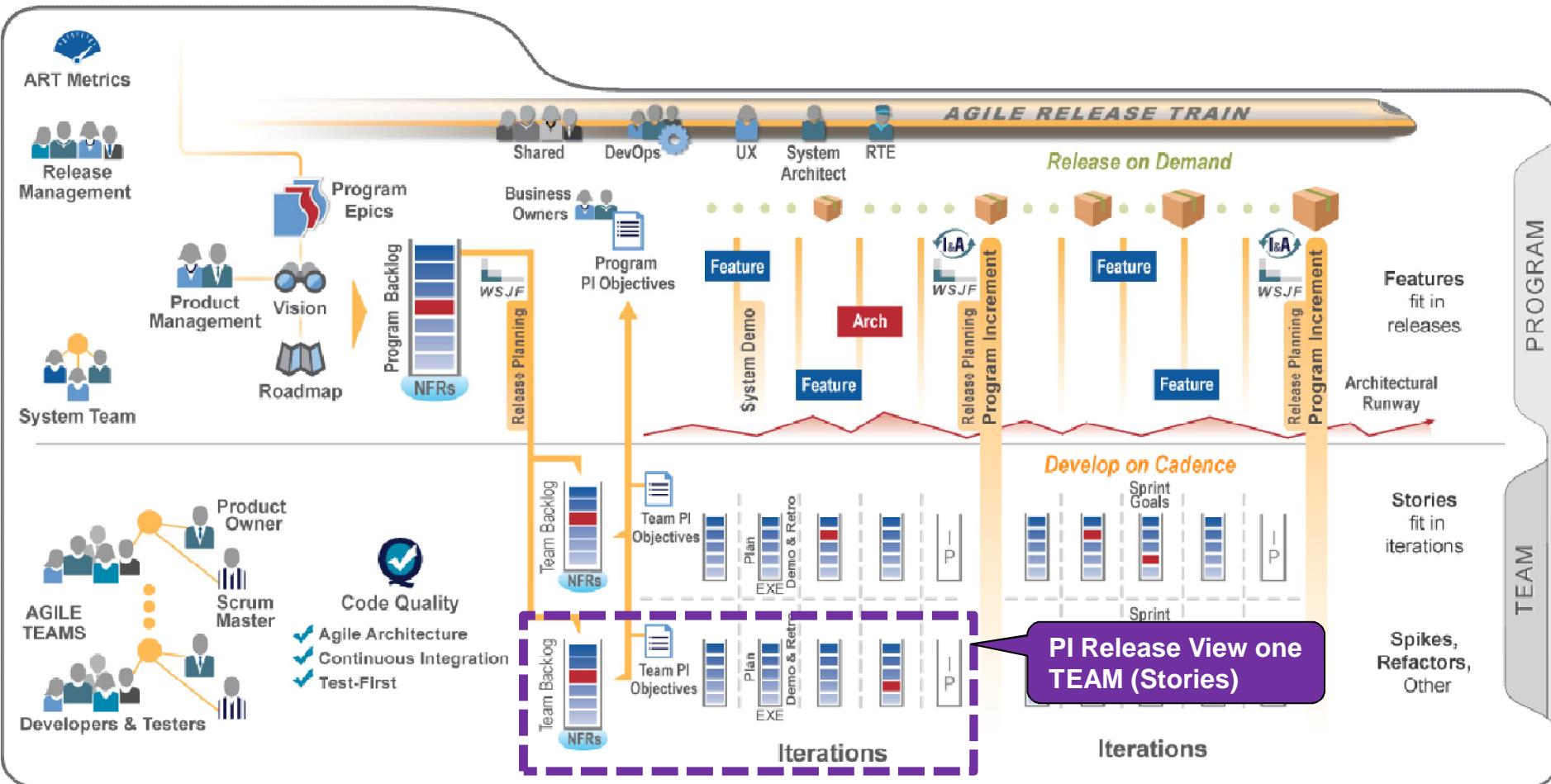
Planned Items Links Snapshots Dashboard Notes

View As: Dependencies (blocks - depends on)

	Summary	Id	Team Area	Planned For	Quarter 2 2016		
					March	April	May
▼ ART Green PI1 Feature A	912	Team ART Green	ART Green PI 1				
↳ ART Green PI1 Feature A.4 Team Yellow	930	--	Sprint 1.4				
↳ ART Green PI1 Feature A.3 Team Yellow	915	--	Sprint 1.3				
↳ ART Green PI1 Feature A.2 Team Red	914	--	Sprint 1.2				
↳ ART Green PI1 Feature A.1 Team Blue	913	--	Sprint 1.1				

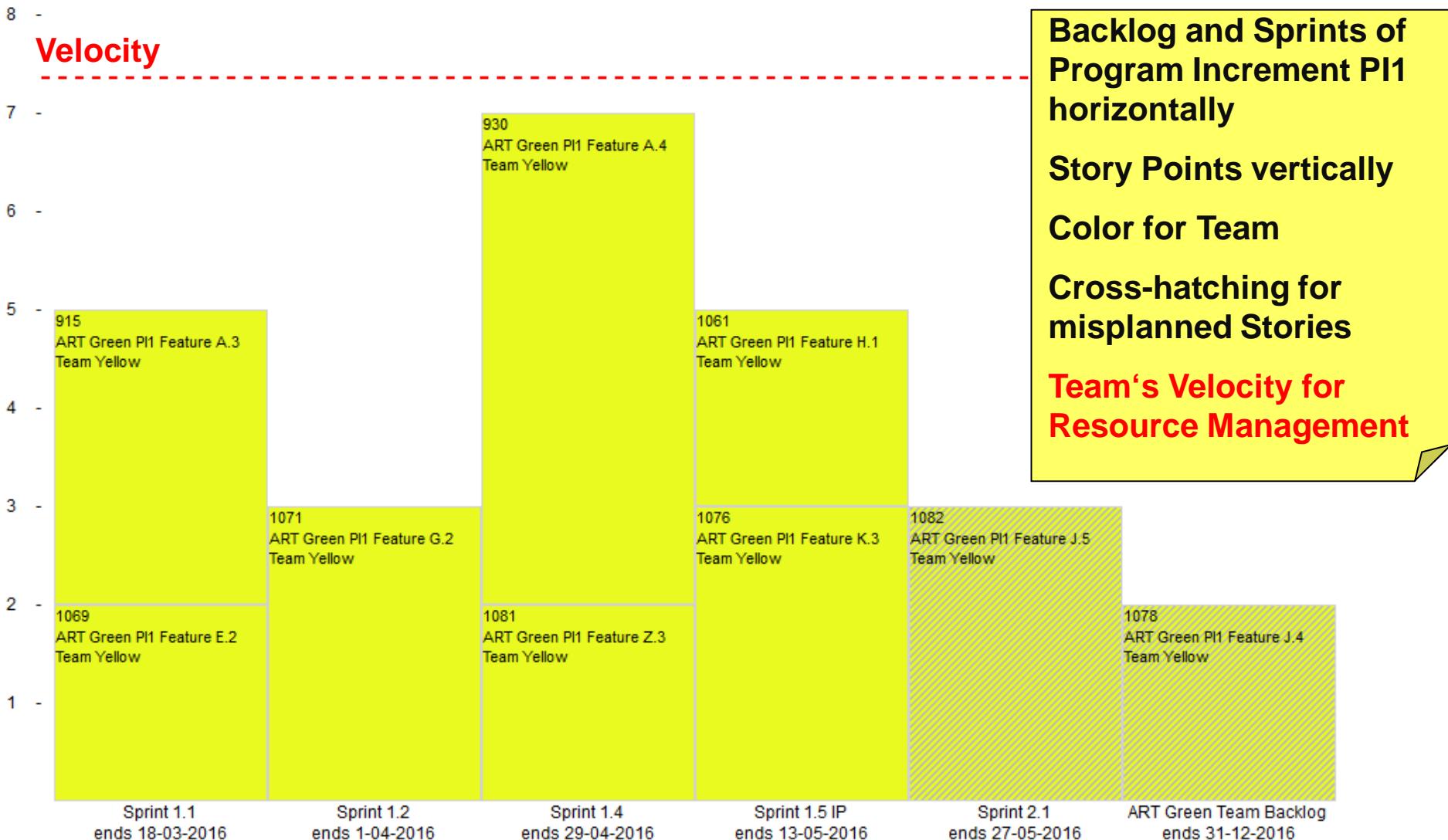
Scaled Agile Framework

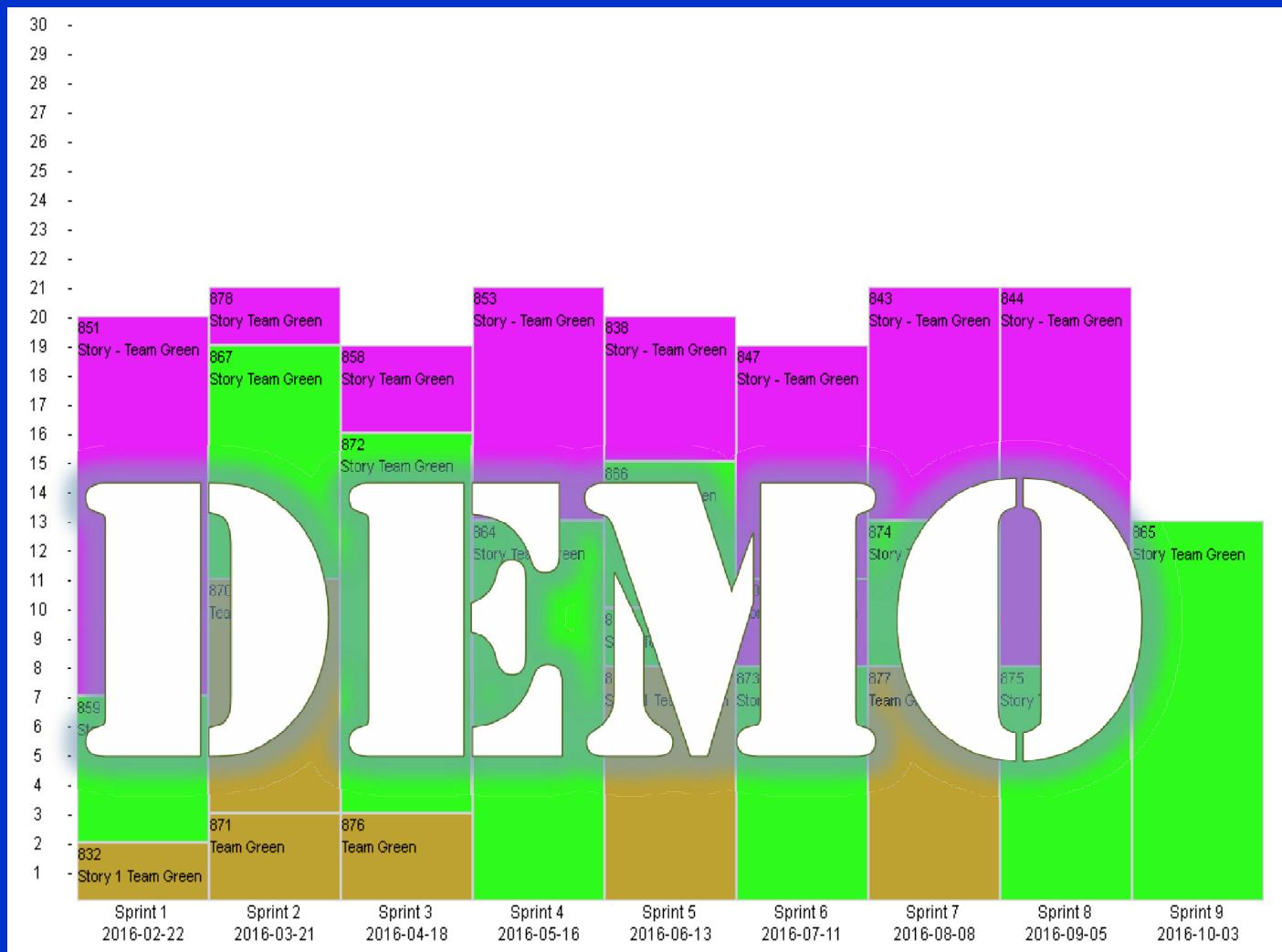
Apply the Widget for TEAM PI Planning (visualizing one Team)

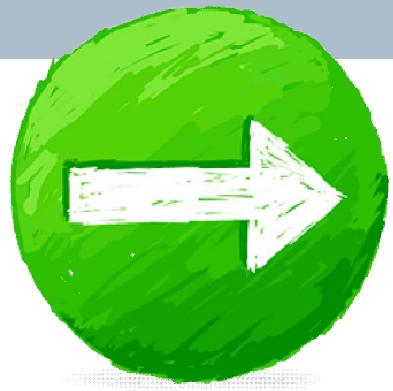


ART Green TEAM PI Planning (visualizing one Team)

Timebox Planning Widget







what's next ?

Timebox Planning Widget for RTC is free and ready for download

<https://hub.jazz.net/project/schneidg/Timebox/overview>

The screenshot shows the IBM Bluemix DevOps Services interface for a project named 'Timebox'. The top navigation bar includes links for DASHBOARD, MY PROJECTS, EXPLORE, HELP, BLOG, and FORUM. Below the navigation is a toolbar with buttons for EDIT CODE, TRACK & PLAN, BUILD & DEPLOY, and FORK PROJECT. The main content area has tabs for OVERVIEW and MEMBERS (13). The OVERVIEW tab displays a file tree for the 'schneidg | Timebox' stream, showing files like bin, docs, src, .gitignore, .jazzignore, CONTRIBUTING.md, LICENSE.md, project.json, and README.md. It also shows a message from Markus Giacomuzzi: 'Last delivery by Markus Giacomuzzi 1602: create a demo video and upload to docu directory - setup instructions completed'. The MEMBERS tab shows six user profiles with the text 'Members (6 of 13)'. Below these tabs are sections for 'About this project' (describing it as a new widget for RTC iteration planning) and 'Do you want to work locally?' (with a link to configure Eclipse). The bottom of the page features a footer with links for README.md, schneidg | Timebox, Timebox - RTC Timebox Planning Widget, Idea and goal, and Support.

Rational Team Concert
Task tracking · Source control · Agile planning
10 FREE Small teams
Get 10 free licenses

Timebox Planning Widget Demos on



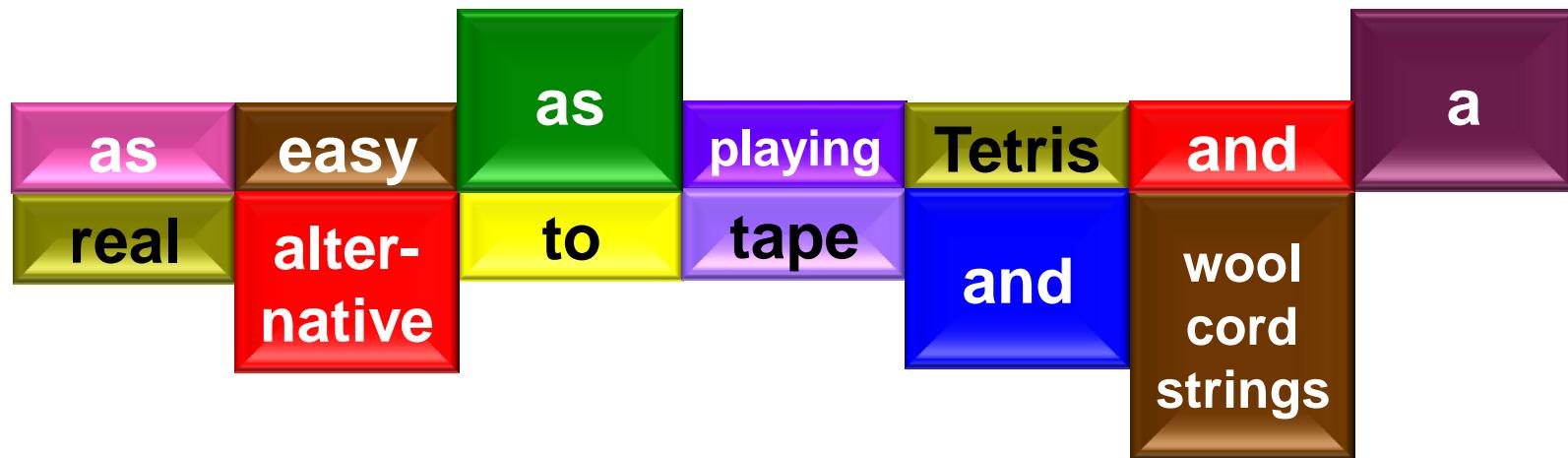
https://www.youtube.com/channel/UCcvclkdfdmOS6AuR62bZ_PA

The screenshot shows a YouTube channel page for 'Timebox Planning'. The channel has 4 subscribers. The main content area displays two video thumbnails:

- Timebox Planning Setup for Stories @SAFe Team Level**
by Timebox Planning
1 hour ago • 2 views
This is a new widget for RTC to allow sprint planning of work items in a "Tetris-Like" way.
We call it "Timebox Planning View"
- Timebox Planning Features Explained**
by Timebox Planning
1 hour ago • 3 views
This is a new widget for RTC to allow sprint planning of work items in a "Tetris-Like" way.
We call it "Timebox Planning View"

The channel sidebar includes links for 'What to Watch', 'My Channel', 'My Subscriptions', 'History', 'Watch Later', 'Favorites', 'im Chäller', 'Liked videos', and 'chieswerk'.

Timebox Planning Widget with SAFe-Support is ...



A collection of torn, colorful pieces of paper are scattered across the frame. Each piece features a large, bold black question mark. The colors of the paper scraps include yellow, green, orange, pink, blue, purple, and brown. They overlap each other, creating a textured, layered effect.

questions ?



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