

KEYNOTE



Herbstcampus

Wissenstransfer
par excellence

Continuous Feedback: Mit Kontinuität zu erfolgreichen Projekten

Beginn: 10:00

Neno Loje

Team Foundation Server (TFS) Application Lifecycle Management (ALM)

Moderne Softwareentwicklungsmethoden (Scrum)

Literatur [Bearbeiten]

- Uta Glaubitz: *Jobs für Kommunikationstalente und Quasselstrippen: Machen Sie Ihre Stärke zum Beruf.*

Warm-up

Bei Fernsehsendungen bzw. Shows im Fernsehen das Stimmung-Machen und das Anheizen des Publikums vor einer Show, um während der Aufzeichnung ein lockeres Publikum zu haben, das mitgeht und eine aufregende Stimmung schafft. Diese Aufgabe übernimmt hier ein [Warm-Upper](#).

Warm-Upper

Ein **Warm-Upper** ist jemand, der für das Publikum einer Show oder Sendung, bevor sie beginnt, das [Warm-up](#) übernimmt und eine ausgelassene Stimmung erzeugt.

In Sendungsformaten, in denen das Publikum eine aktive Rolle spielt, wie bei [Wer wird Millionär](#), ist das eingeladene Publikum ein wichtiger Erfolgsfaktor. Damit sich das Publikum wie von den Sendungsmachern erwartet verhält, gibt es den Warm-Upper als Verantwortlichen für das Verhalten des Publikums. Während der Sendung ist er z. B. dafür verantwortlich, dass der Applaus an den richtigen Stellen mit dem gewünschten Elan erfolgt.

Quelle: aus Wikipedia,
der freien Enzyklopädie

Neno Loje

Technische Daten:

- ALM - Berater



Neno Loje

Technische Daten:

- ALM - Berater
- aus Hamburg



Neno Loje

Technische Daten:

- ALM - Berater
- aus Hamburg
- PSD - Trainer



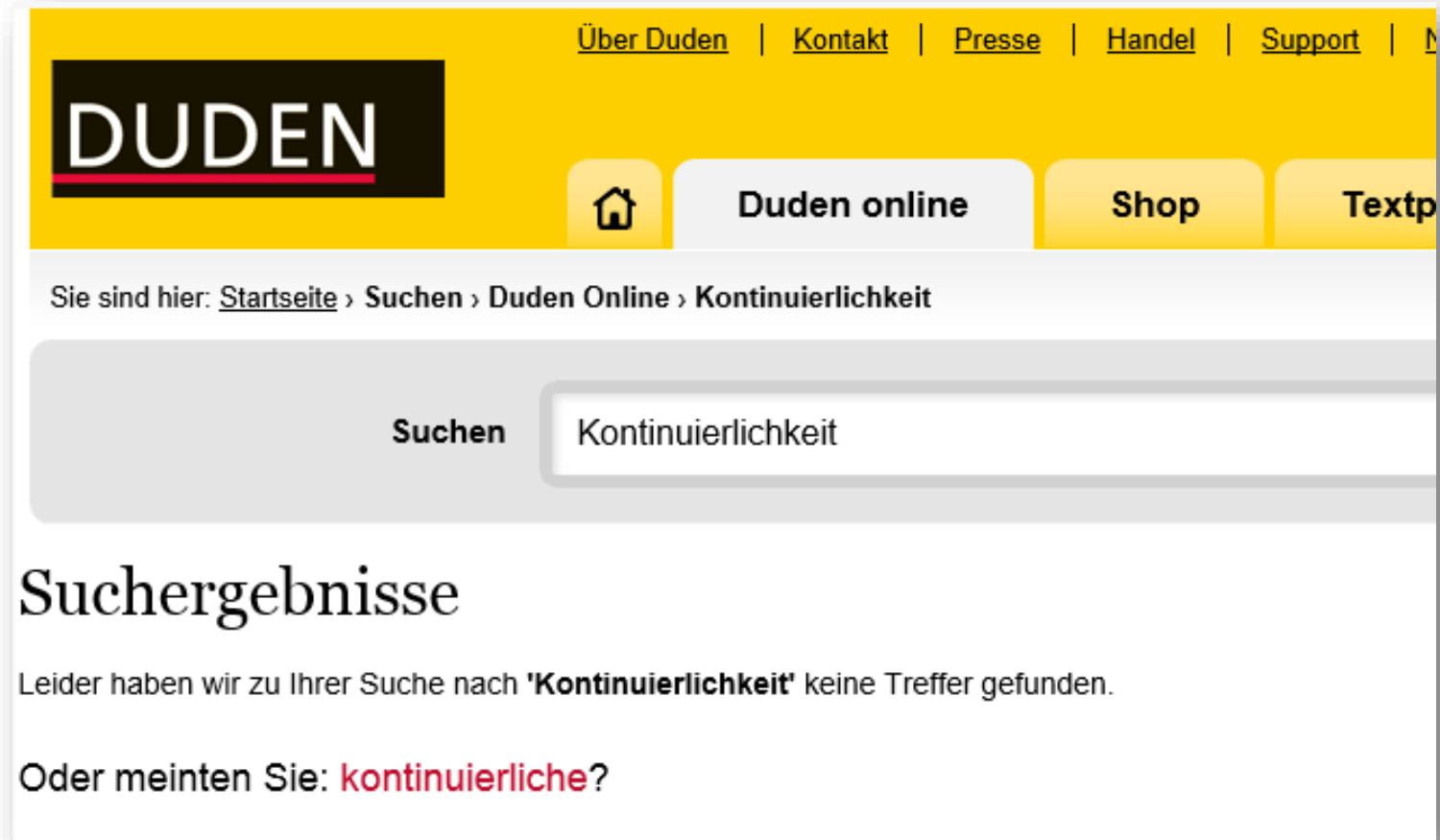
Neno Loje

Technische Daten:

- ALM - Berater
- aus Hamburg
- PSD - Trainer



Errata



The screenshot shows the Duden website's search interface. At the top, there is a yellow navigation bar with the Duden logo on the left and links for 'Über Duden', 'Kontakt', 'Presse', 'Handel', 'Support', and 'M' on the right. Below the navigation bar, there are four buttons: 'Home', 'Duden online', 'Shop', and 'Textp'. A breadcrumb trail indicates the current location: 'Sie sind hier: [Startseite](#) > [Suchen](#) > [Duden Online](#) > [Kontinuierlichkeit](#)'. Below the breadcrumb, there is a search bar with the text 'Suchen' and a search input field containing 'Kontinuierlichkeit'. The search results section is titled 'Suchergebnisse' and contains the message: 'Leider haben wir zu Ihrer Suche nach **'Kontinuierlichkeit'** keine Treffer gefunden.' Below this message, there is a suggestion: 'Oder meinten Sie: **kontinuierliche**?'

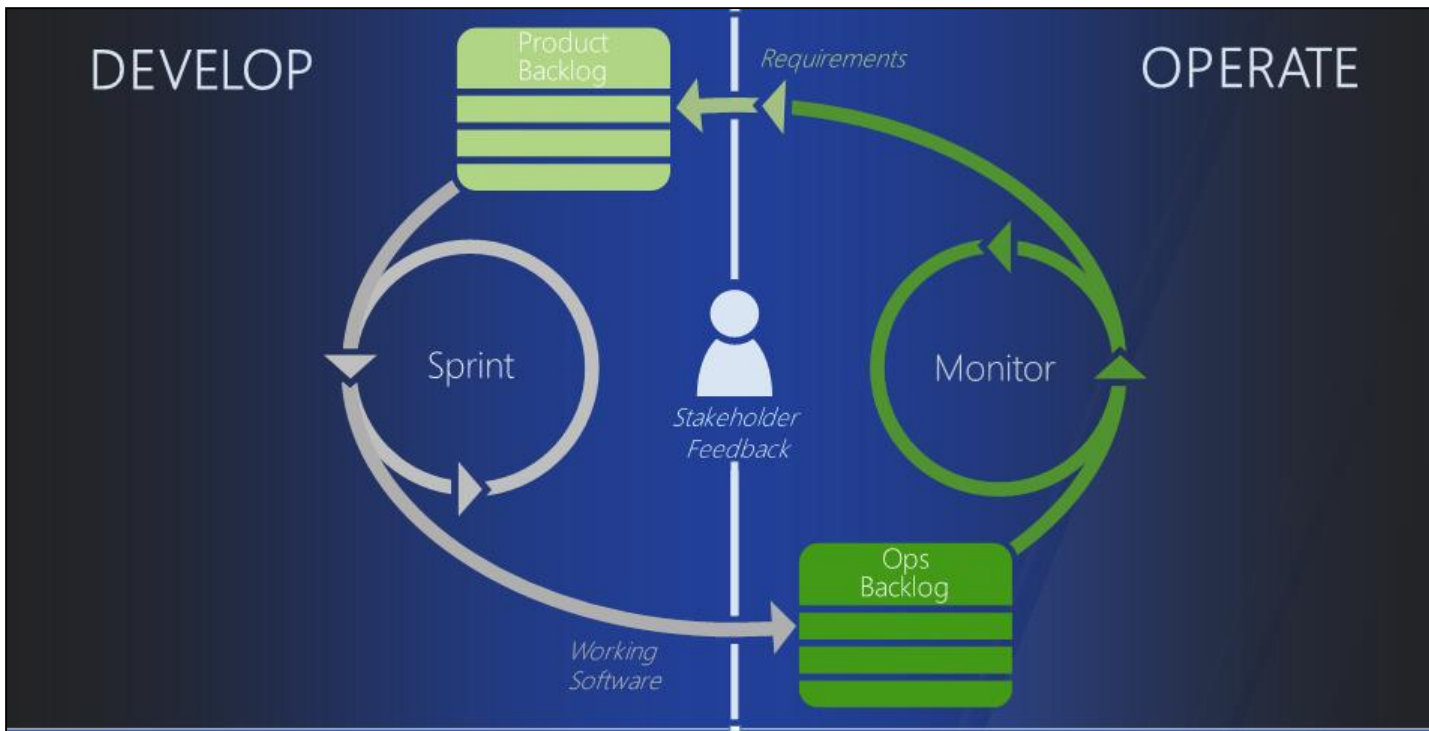
"Continuous" – was heißt das?

Continuous *

- Continuous (Re-)Planning
- Continuous Integration
- Continuous Deployment
- Continuous Feedback
- Continuous Improvement

- → Continuous Value Delivery

Continuous Value Delivery



Continuous Value Delivery

Define

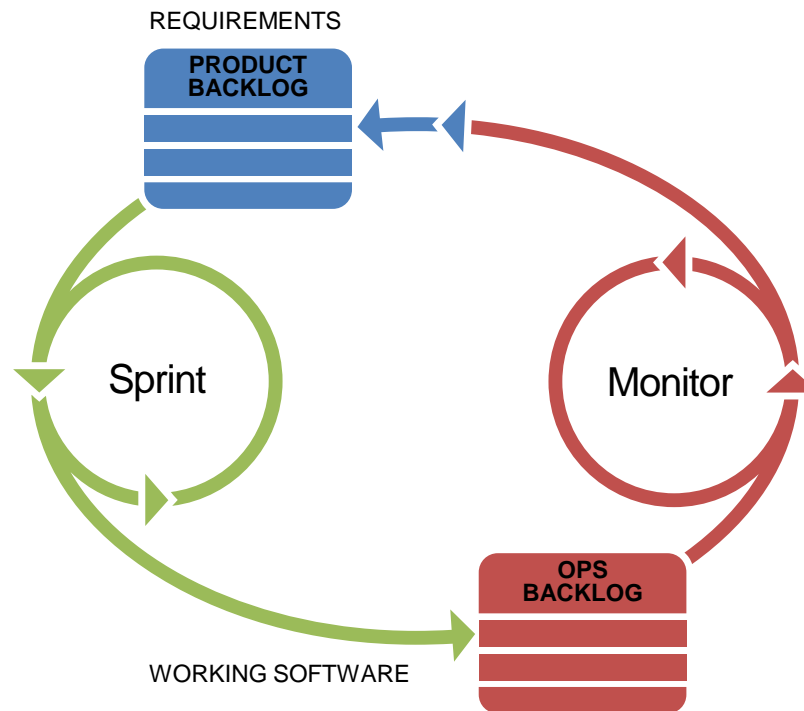
Ideation

Develop

Idea to working software

Operate

Deployment to feedback



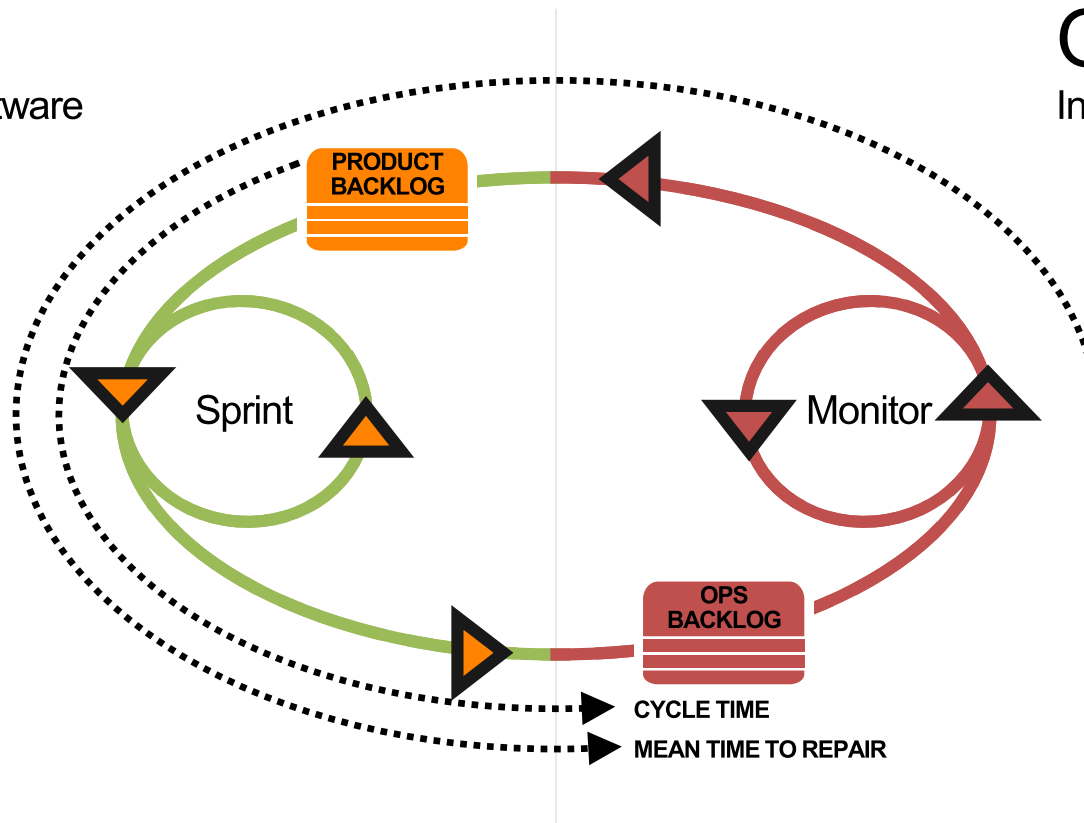
Continuous Flow Of Value

Develop

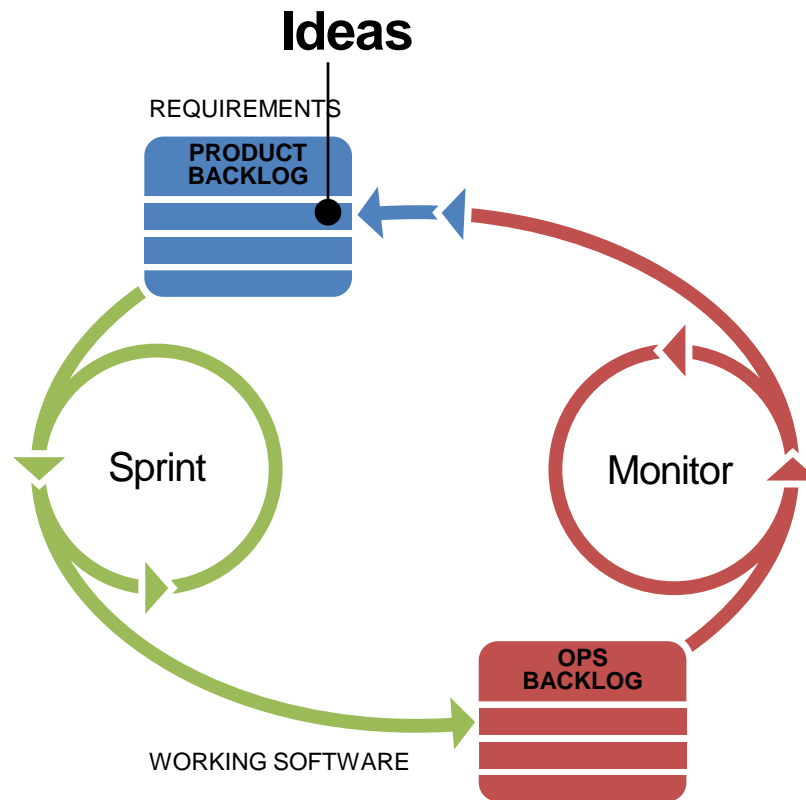
Idea to working software

Operate

Incident to resolution



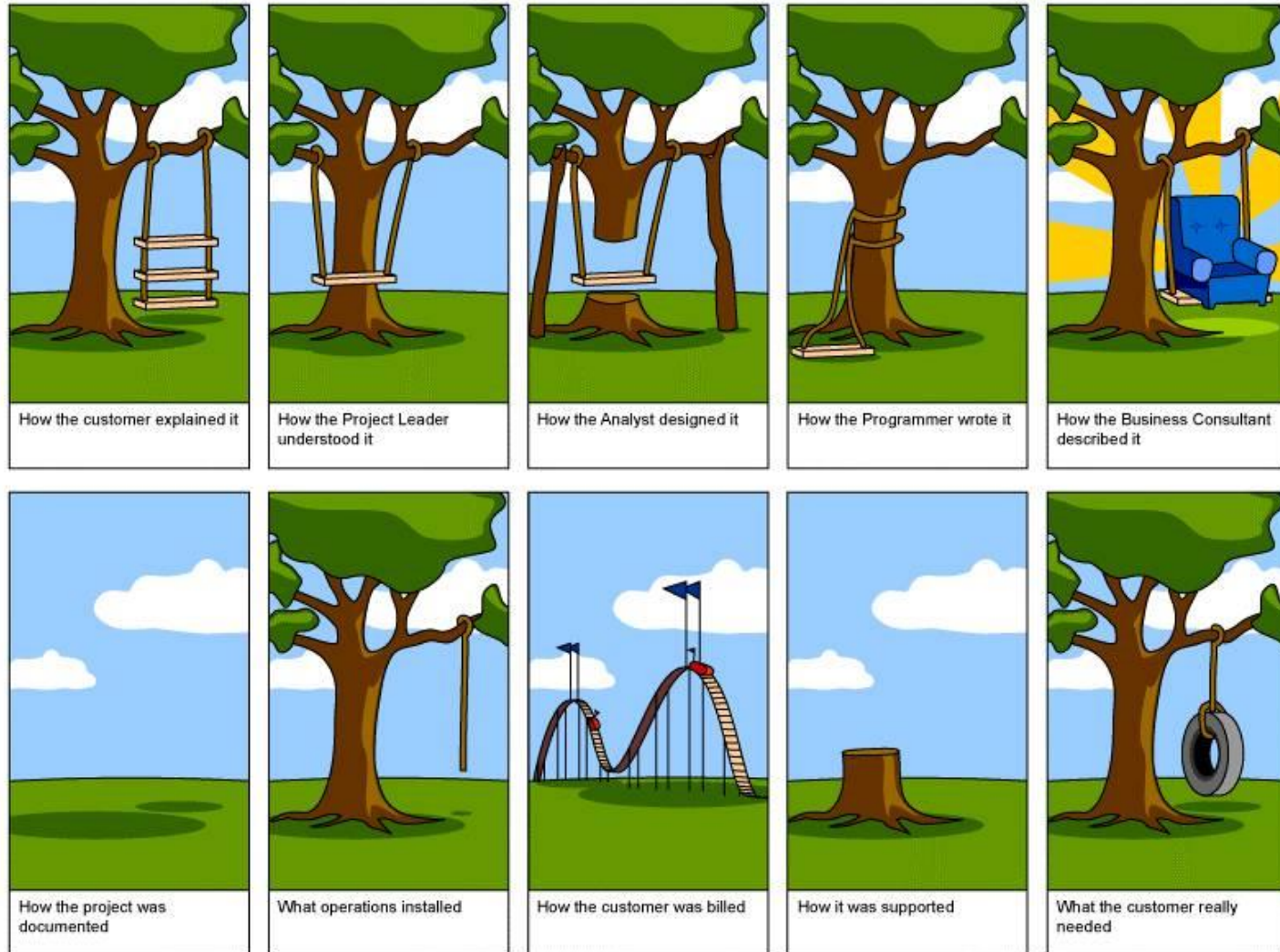
Continuous Value Delivery



When you deliver, test and validate exactly what the customer specified, what happens?



Falsch verstandene Anforderungen



Storyboarding – das kann jeder!



POHATWAN: YOU MUST CHOOSE.



POCAHONTAS: I CAN'T.



SMITH: I UNDERSTAND.



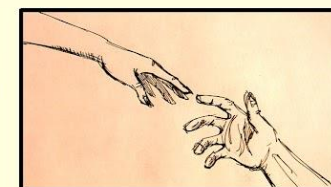
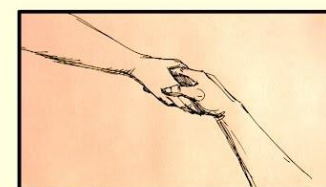
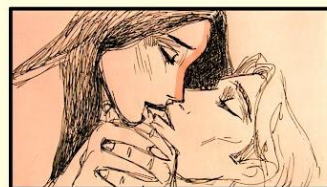
POHATWAN: THANK YOU...



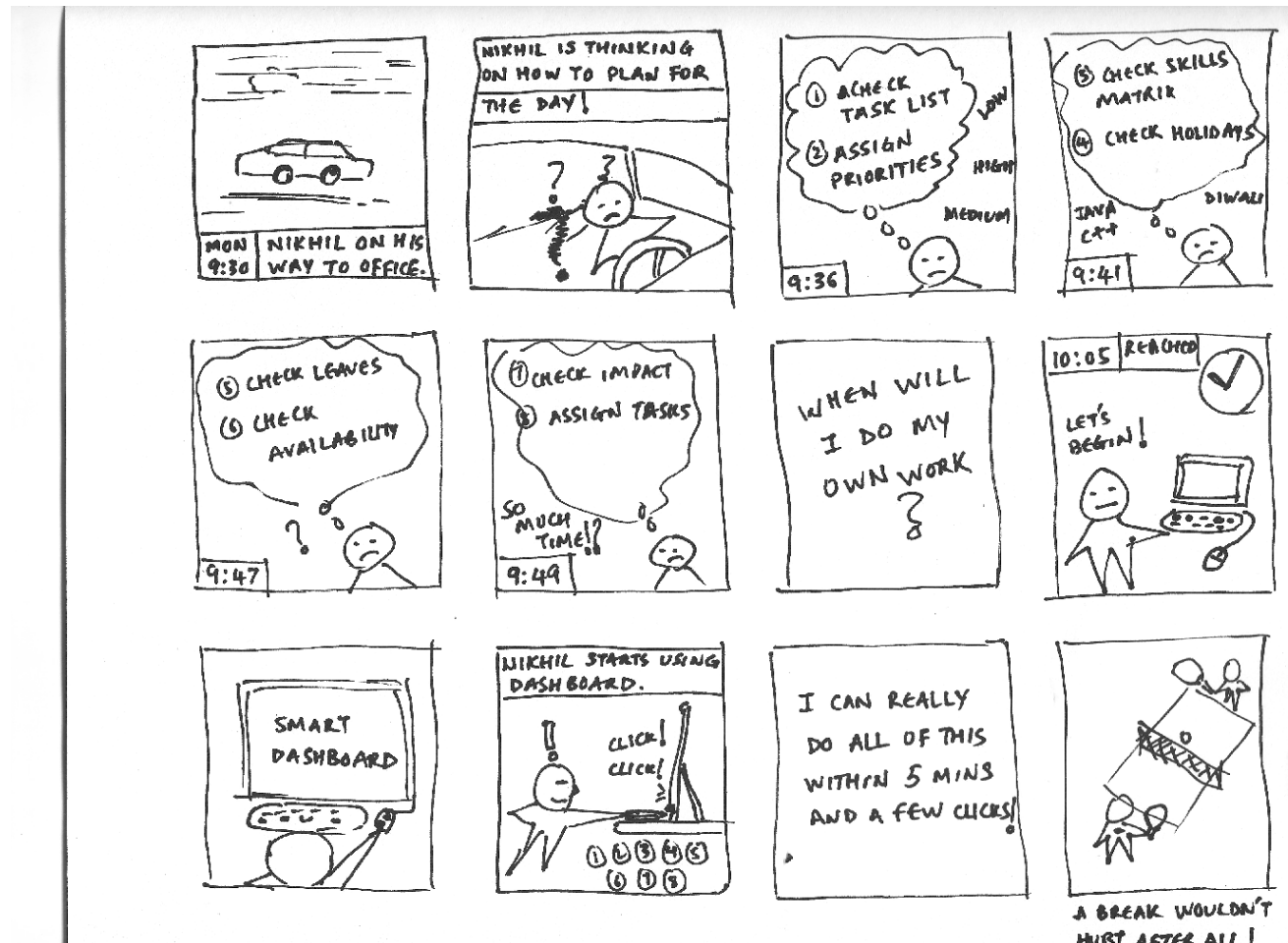
...MY BROTHER.



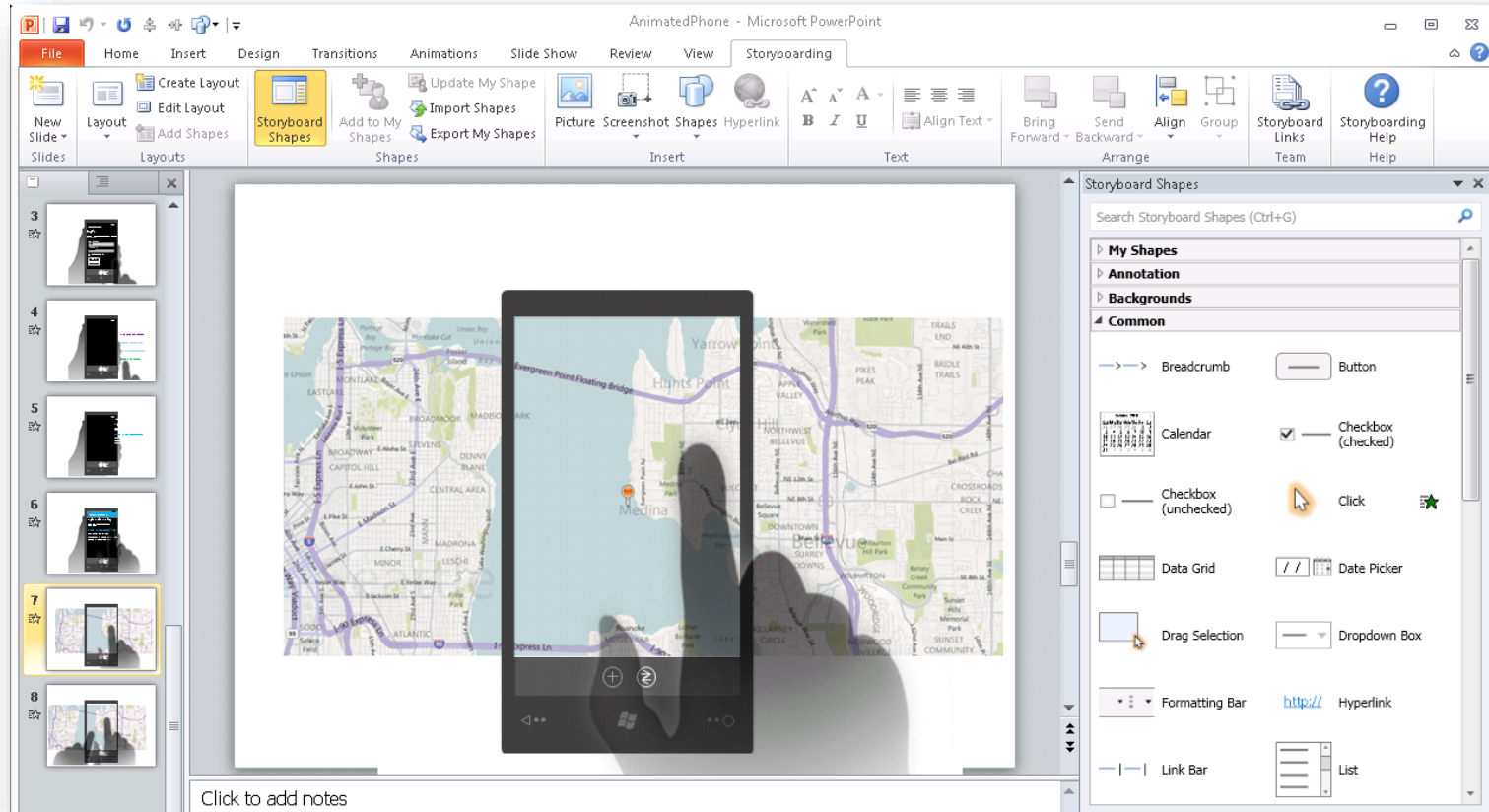
POCAHONTAS: SO YOU'LL ALWAYS BE ABLE TO FIND ME.



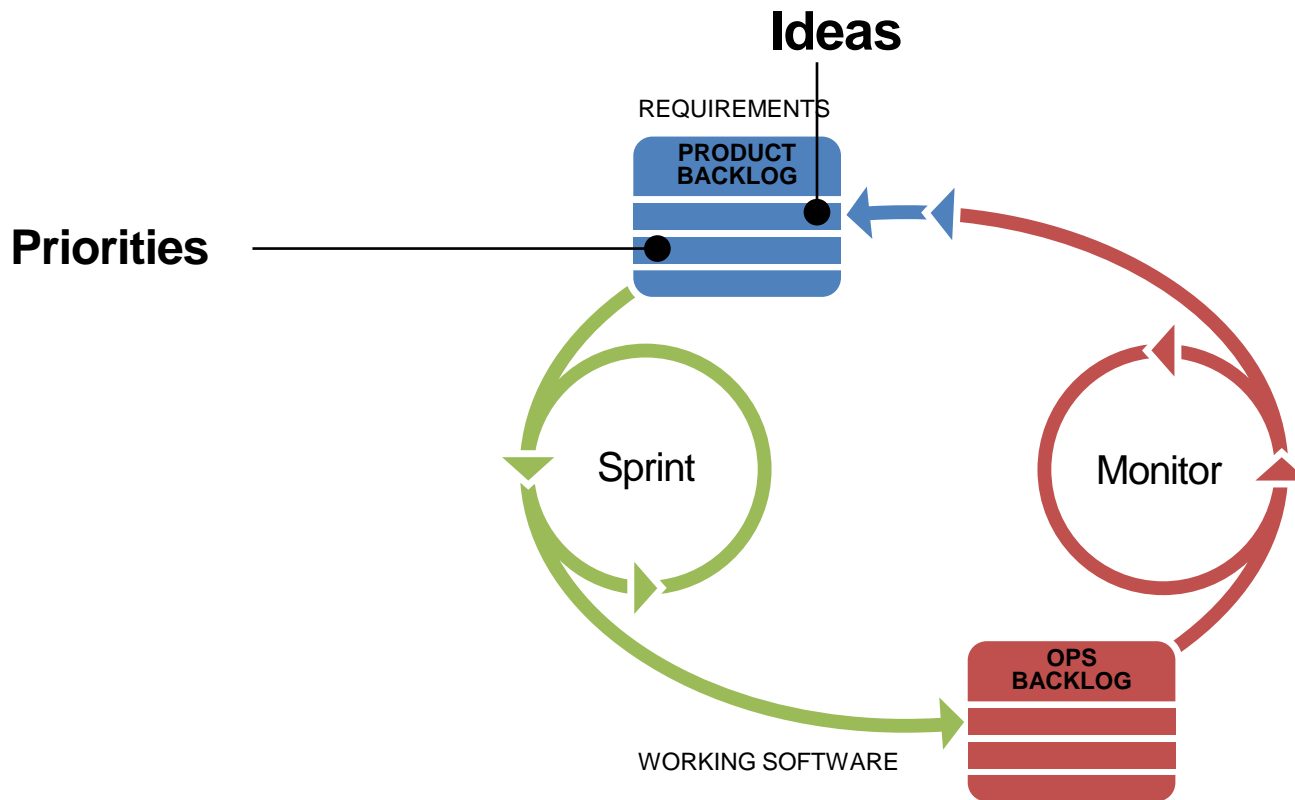
Storyboarding – Beispiele



Storyboarding – mit MS PowerPoint



Continuous Value Delivery



Auf die Reihenfolge kommt es an

- Wichtige Dinge zuerst erledigen!
- Welches sind die wichtigen Dinge?
- Business Value
 - Nutzen für den Kunden
 - Nutzen für das Unternehmen bzw. Team
- Schätzung
- Technische Abhängigkeiten
- Risiko

Ausgewählten Kundenkreis einladen



Drei Fragen stellen

	Importance to your business		Satisfaction with Existing	Is this in the right direction?		
	Most important	Least important	Does the existing functionality meet your needs?			
For each idea...						
Once I work with something I can't find it again						
I can't tell what changed from build to build, especially over time						
I don't know who is the expert of a given area						
I need another pair of eyes on my code						

Ergebnisse sichtbar machen & diskutieren



Stimmen sammeln, z.B. via UserVoice

1,553
votes

Add non-nullable reference types in C#

Non-nullability checks have to be manually encoded hundreds of times in any large real-world project, and they are not compile-time-enforced. There are code contracts in .Net 4.0, but their usage is still very verbose, and only partly compile-time-enforced.

What I wish is a pendant to the null-lifting operator `?`, for instance, `!`, so that one could write:

```
void MyMethod(string! s){ /* s cannot be null :) */ }
```

Or, the way ReSharper does it:

```
void MyMethod([NotNull] string s){ /* s cannot be null :) */ }
```

47 comments · Languages - C# · Flag idea as inappropriate...

XAML Tools 52

1,166
votes

Expand Generic Constraints for constructors

Currently when declaring a generic constraint on a Type parameter ie.

```
public void DoSomething<T>() where T : new() { /* do something */ }
```

You can't specify that T has a constructor with specific parameters:

```
public void DoSomething<T>() where T : new(string, int) { /* do something */ }
```



15 comments · Languages - C# · Flag idea as inappropriate...

Search

1,148
votes

Update standalone FxCop to support .NET 4.5 and Portable Libraries

Please update the standalone version of FxCop to be on par with the latest edition of the Code Analysis in VS 2012 to support developers using the Professional Edition SKU. This implies support for .NET 4.5 and for

 **Give feedback**
 Microsoft Test Tools 55
 Visual Studio 9,099
 **Microsoft**

Product Backlog Management

Team Foundation Service / TechEd

Neno Loje | Settings | Help

HOME CODE **WORK** BUILD* TEST*

Search work items

Backlogs Queries

Features *
Backlog items

Current
Sprint 1

Future
Sprint 2
Sprint 3
Sprint 4
Sprint 5
Sprint 6

Backlog items

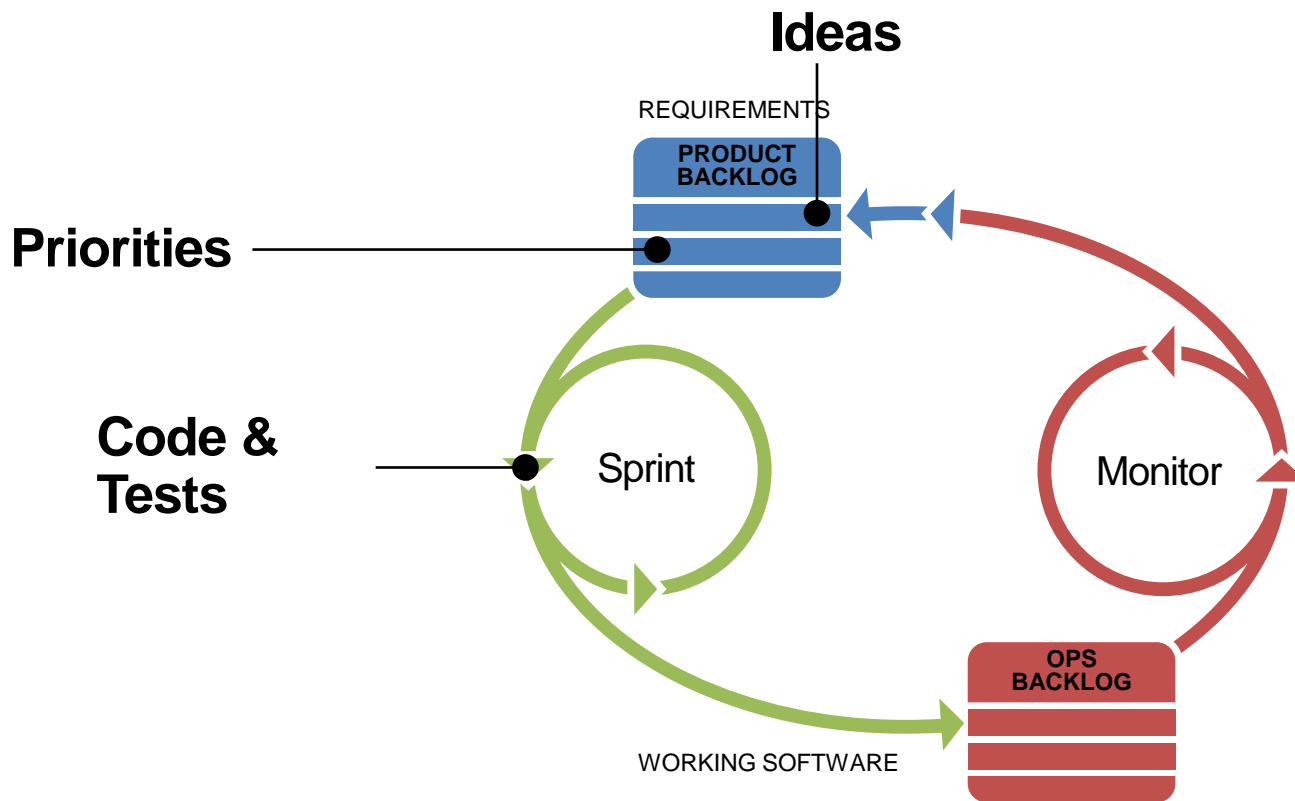
Backlog Board

Forecast Off Mapping Off View Backlog items

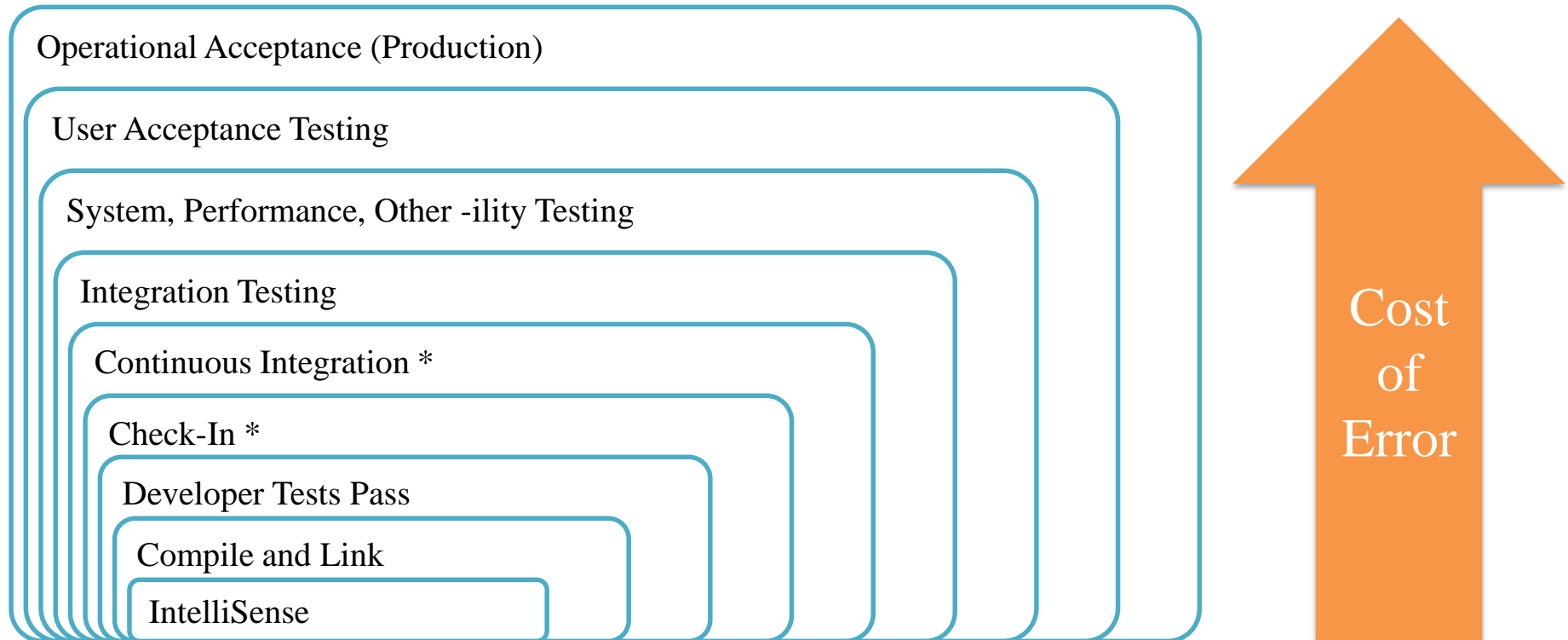
New [Add] [Remove] Create query Column options [Refresh]

Order	Title	State	Effort	Iteration Path	Tags
1	Login with home page landing	Approved	3	TechEd\Release 1\Sprint 1	High Impact
2	Browse the catalog	Approved	3	TechEd	
3	View item details	Approved	5	TechEd	
4	Placing orders crashes Browser	New	4	TechEd	Blocked
5	Login cookies - silent login	Approved	3	TechEd	Analysis required Blocked
6	Find orders	Approved	11	TechEd	
7	Logoff	Approved	5	TechEd	
8	RSS feeds	Approved	8	TechEd	
9	Customer search	New	2	TechEd	
10	View order details	New	4	TechEd	
11	Payment by credit card	Approved	7	TechEd	
12	Priority ordering - preferences	New		TechEd	
13	See related items	Approved		TechEd	
14	Add shipping details	New		TechEd	
15	Track shipments	New		TechEd	
16	Preferences remembered for future orders	New		TechEd	
17	Order history search	New		TechEd	

Continuous Value Delivery



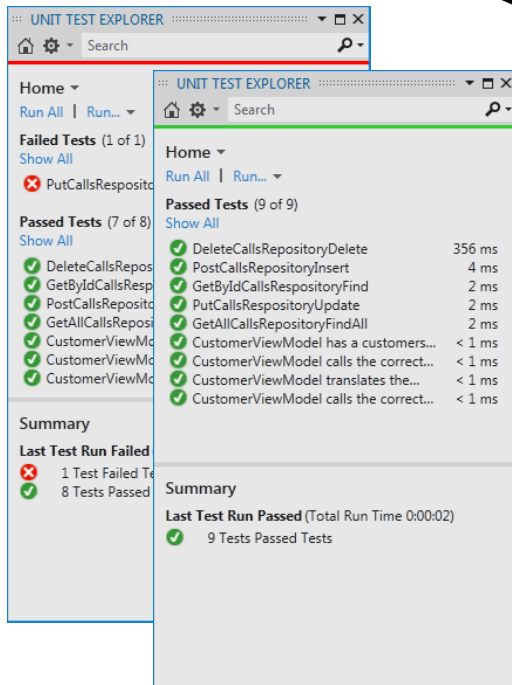
Software Development Feedback Cycles



Slide taken from: Implementing Scrum Using Team Foundation Server 2012 by David Starr, Microsoft TechEd 2012

Continuous Feedback while Coding

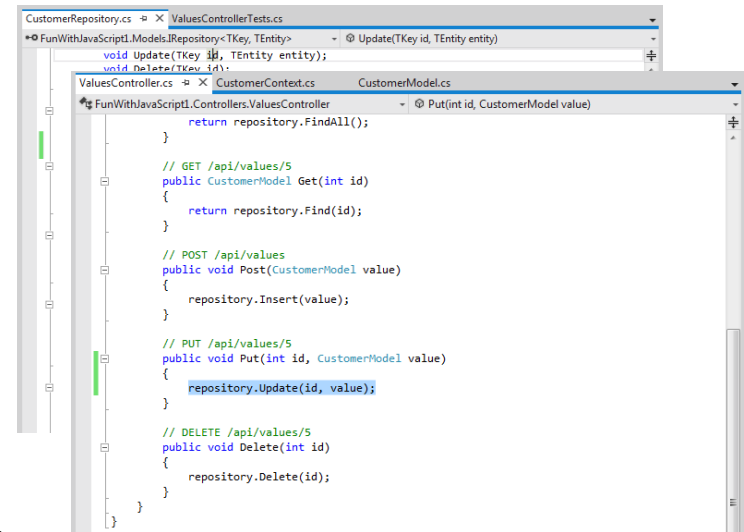
Test a little



The screenshot shows the Unit Test Explorer window with the following details:

- Failed Tests (1 of 1):** PutCallsRespositio
- Passed Tests (7 of 8):**
 - DeleteCallsRepositoryDelete (356 ms)
 - PostCallsRepositoryInsert (4 ms)
 - GetByIdCallsRespositio (2 ms)
 - PostCallsRespositio (2 ms)
 - GetAllCallsRespositio (2 ms)
 - CustomerViewM... (< 1 ms)
 - CustomerViewM... calls the correct... (< 1 ms)
 - CustomerViewM... translates the... (< 1 ms)
 - CustomerViewM... calls the correct... (< 1 ms)
- Summary:**
 - Last Test Run Failed: 1 Test Failed Test, 8 Tests Passed
 - Last Test Run Passed (Total Run Time 0:00:02): 9 Tests Passed Tests

Coding
Feedback
Loop



```

CustomerRepository.cs | ValuesControllerTests.cs
+ FunWithJavaScript.Models.Repository<TKey, TEntity> | Update(TKey id, TEntity entity)
void Update(TKey id, TEntity entity);
void Delete(TKey id);
ValuesController.cs | CustomerModel.cs
+ FunWithJavaScript.Controllers.ValuesController | Put(int id, CustomerModel value)
return repository.FindAll();
}
// GET /api/values/5
public CustomerModel Get(int id)
{
return repository.Find(id);
}
// POST /api/values
public void Post(CustomerModel value)
{
repository.Insert(value);
}
// PUT /api/values/5
public void Put(int id, CustomerModel value)
{
repository.Update(id, value);
}
// DELETE /api/values/5
public void Delete(int id)
{
repository.Delete(id);
}
    
```

Code a little

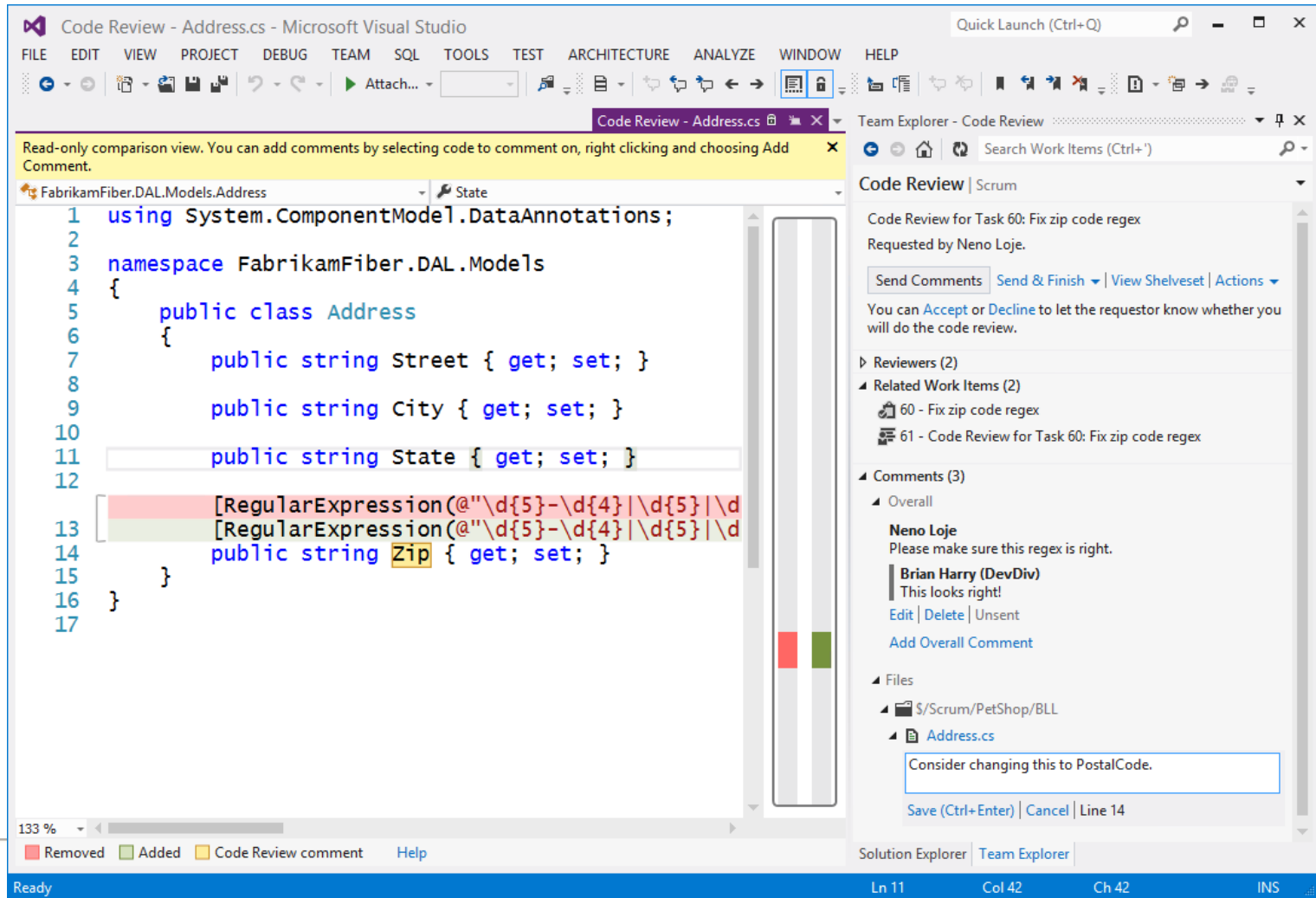


Quiz: What about Laura?

Laura is an excellent C# programmer. She says that it's the job of QA to test, so she is not going to write unit tests.



Code Review



Code Review - Address.cs - Microsoft Visual Studio

FILE EDIT VIEW PROJECT DEBUG TEAM SQL TOOLS TEST ARCHITECTURE ANALYZE WINDOW HELP

Code Review - Address.cs

Read-only comparison view. You can add comments by selecting code to comment on, right clicking and choosing Add Comment.

FabrikamFiber.DAL.Models.Address State

```

1 using System.ComponentModel.DataAnnotations;
2
3 namespace FabrikamFiber.DAL.Models
4 {
5     public class Address
6     {
7         public string Street { get; set; }
8
9         public string City { get; set; }
10
11         public string State { get; set; }
12
13         [RegularExpression(@"\d{5}-\d{4}|\d{5}|\d
14         [RegularExpression(@"\d{5}-\d{4}|\d{5}|\d
15         public string Zip { get; set; }
16     }
17

```

Code Review | Scrum

Code Review for Task 60: Fix zip code regex
Requested by Neno Loje.

Send Comments Send & Finish View Shelveset Actions

You can [Accept](#) or [Decline](#) to let the requestor know whether you will do the code review.

Reviewers (2)

Related Work Items (2)

- 60 - Fix zip code regex
- 61 - Code Review for Task 60: Fix zip code regex

Comments (3)

Overall

Neno Loje
Please make sure this regex is right.

Brian Harry (DevDiv)
This looks right!
Edit Delete Unsent
Add Overall Comment

Files

- \$/Scrum/PetShop/BLL
 - Address.cs

Consider changing this to PostalCode.

Save (Ctrl+Enter) Cancel Line 14

133 %

Removed Added Code Review comment Help

Solution Explorer Team Explorer

Ready Ln 11 Col 42 Ch 42 INS

Daily Scrum Meeting

- 15 minute stand up
- 3 questions
 - What have you done since the last Daily Scrum?
 - What will you do between now and the next Daily Scrum?
 - What is in your way?
- Not a status meeting
- Not a problem solving meeting
 - Take it offline!
- Product Owner should not attend



Task Board

Team Foundation Service / Scrum

HOME CODE WORK BUILD* TEST*

Search work items

Backlogs Queries

Scrum Team Sprint 1

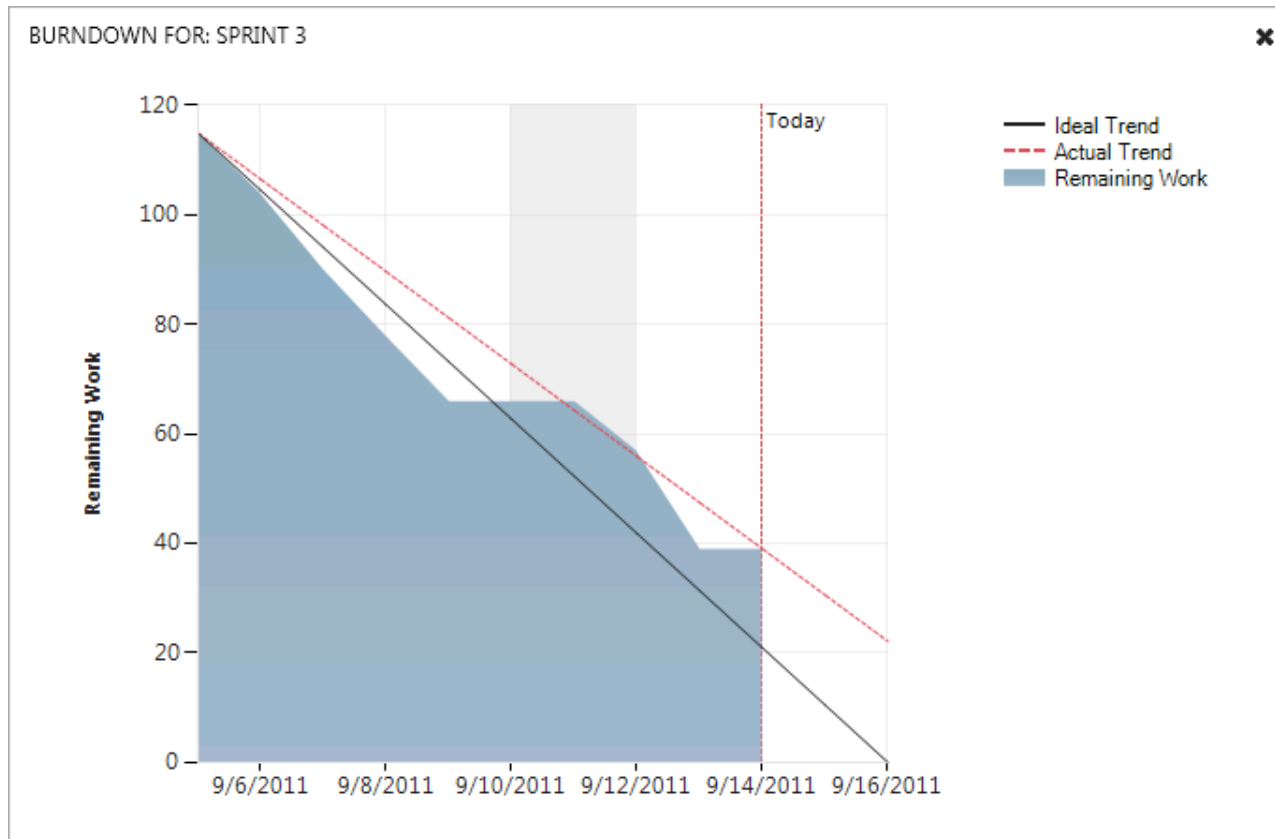
No iteration dates [Set dates](#)

Group by Backlog items Person All

Backlog **Board** Capacity

	TO DO 14 h	IN PROGRESS 8 h	DONE
PBI B.1 19 h	+ Create database 6 Design implementation of feature 3 Execute test cases 2	Create UI for feature 2 Design test cases 6	Review architectural design of feature
PBI B.2	+ Review design of feature		
PBI B.3 3 h	+ Review design of feature 3		

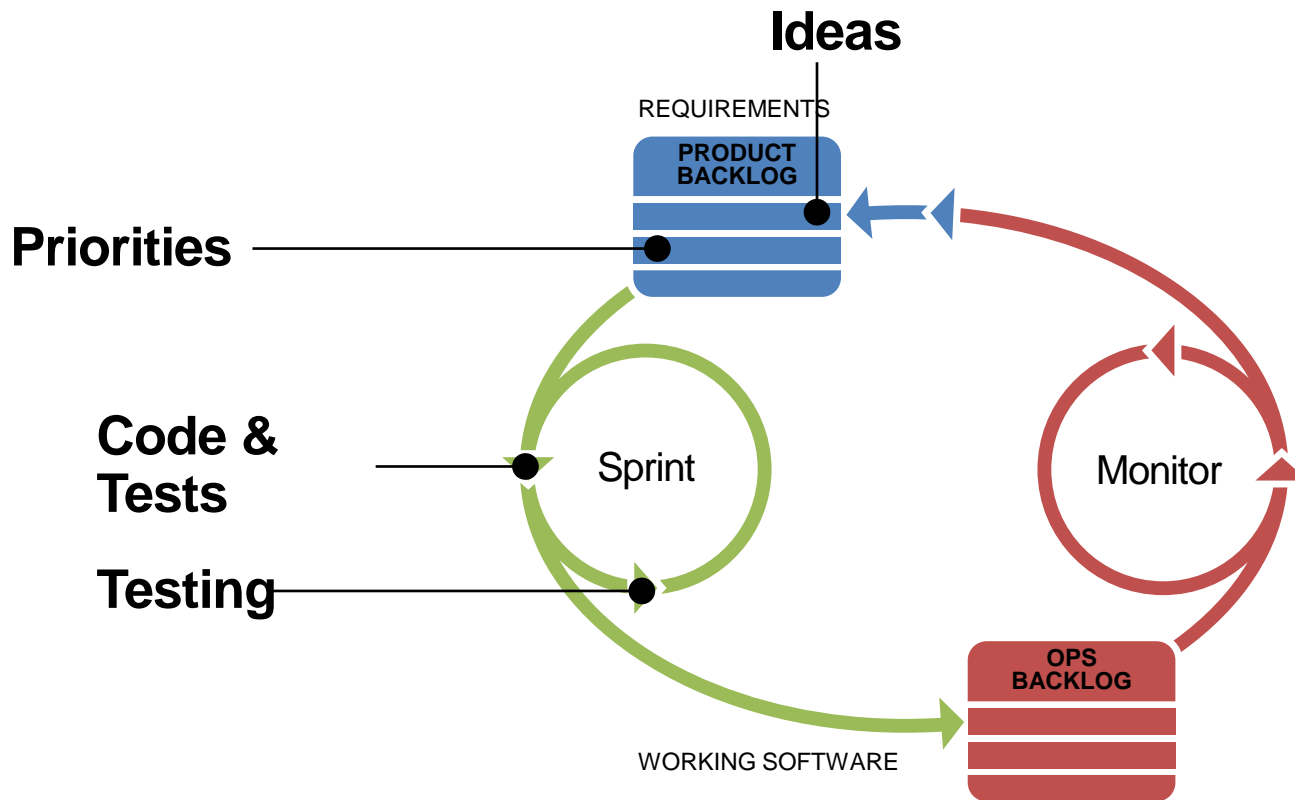
Burndown Chart



Do more with less: Is that possible?

- *"[...] researchers have found 10-fold differences in productivity and quality between different programmers with the same levels of experience and also between different teams working within the same industries."*
- Reference:
S. McConnell,
<http://forums.construx.com/blogs/stevemcc/default.aspx>

Continuous Value Delivery



Measure As You Go

Stories Overview

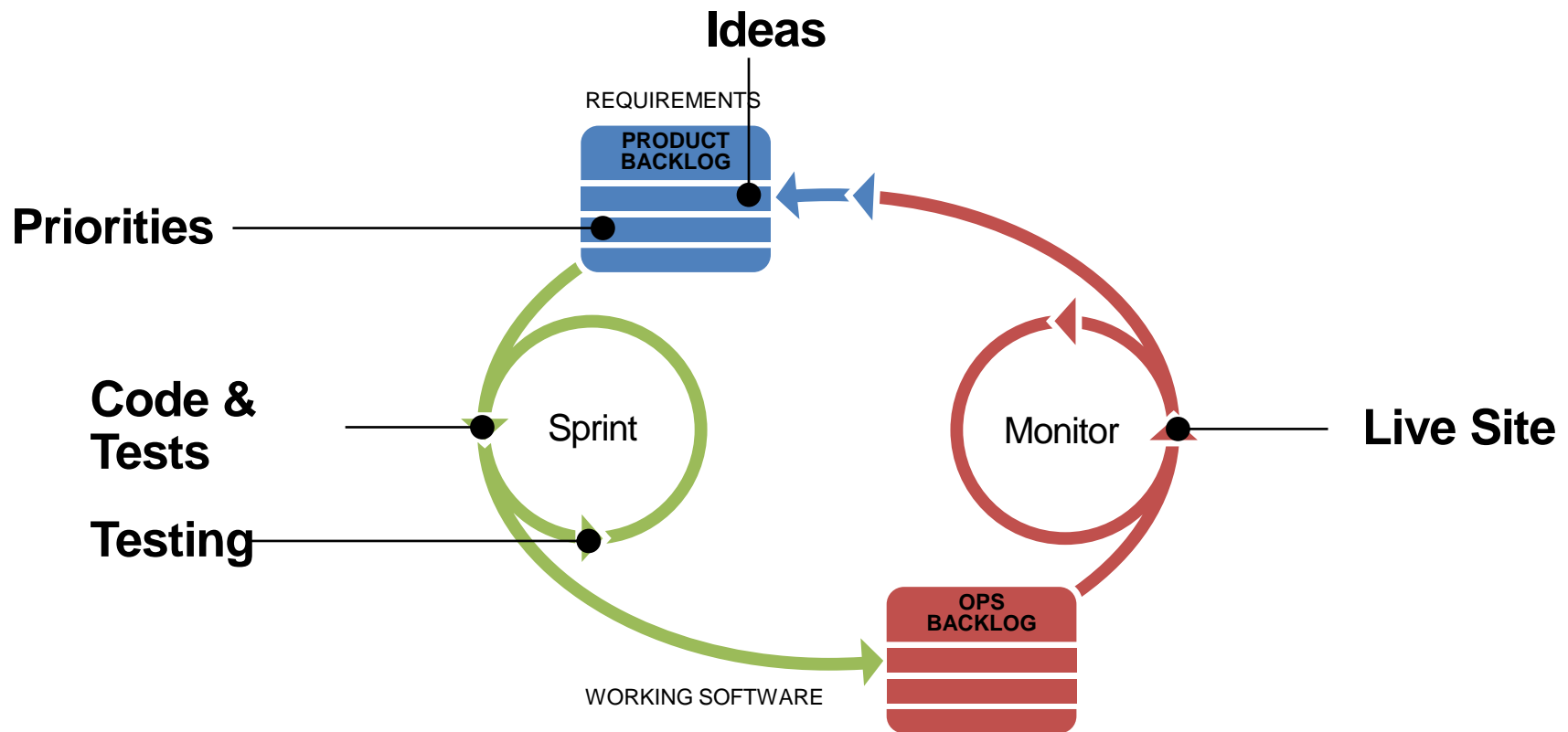
Helps you track how far each user story has been implemented. Shows each story's actual number of hours of work remaining and completed, its acceptance test results, and the number of bugs that are linked to each story.

Related Reports

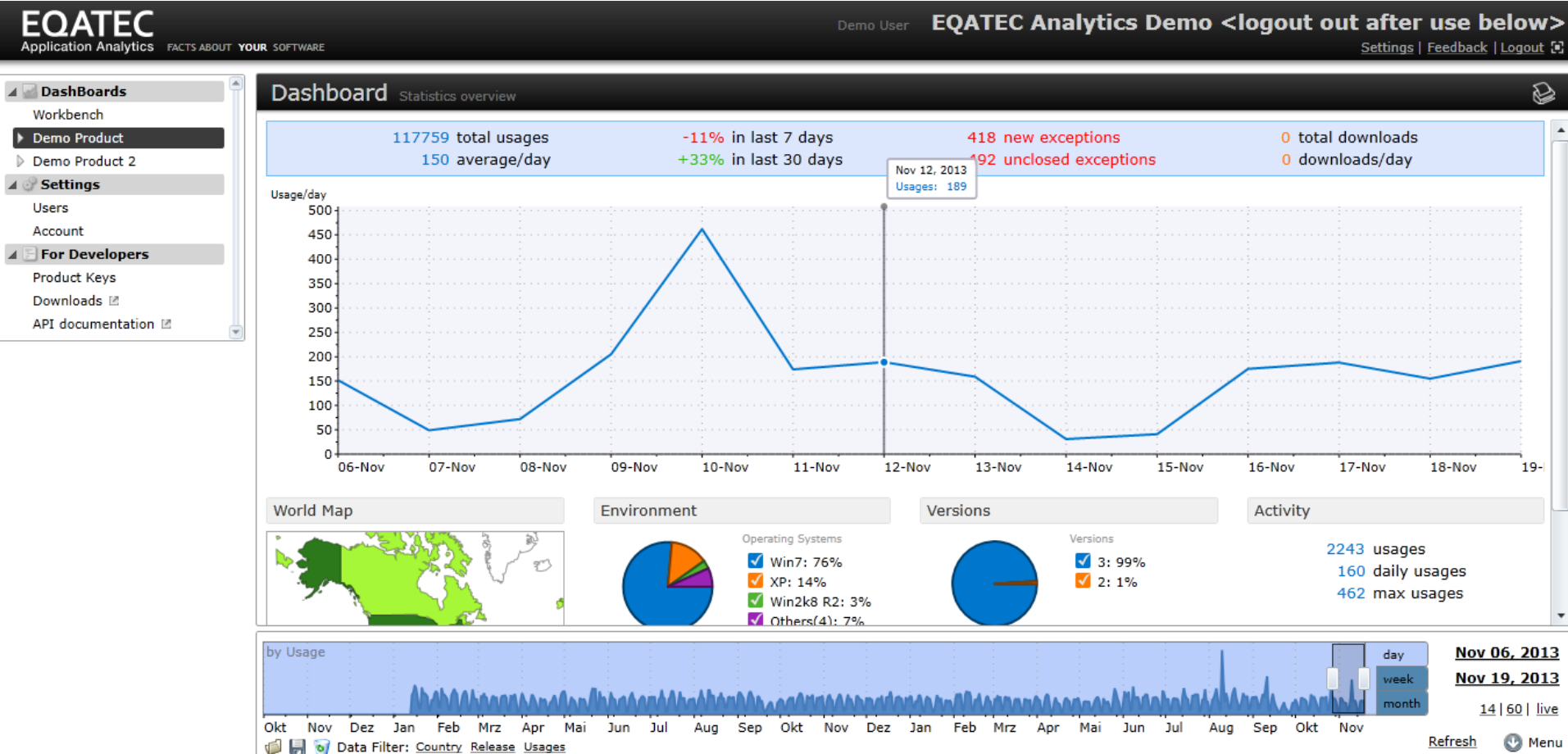
- Bug Status
- Status on All Iterations
- Stories Progress
- Test Case Readiness
- Test Plan Progress

Title	Work Progress		Test Status			
	% Hours Completed	Hours Remaining	Tests	Test Results	Bugs	
As a new customer, I want to order a meal.	80 %	6634	3	33 % 55 %	1	2
As a customer, I want to track my order history.	79 %	14053	0			6
Enable selection based on strength, intelligence, etc	19 %	144	2	48 % 52 %	1	2
As a returning customer, I want to order one of the meals that I've recently ordered.	78 %	17	2	48 % 52 %		
As a new customer, I want to choose a meal from a specific provider.	80 %	42	0			
As a customer, I want to save orders.	80 %	9432	0			
As an event planner, I want to let participants in my event choose meals from Dinnerflow.	17 %	298	2	33 % 53 %		
As an event planner, I want to filter the menu to meet my constraints so that I can control the cost of the meals or so that I can offer only meals that are appropriate for the event.	40 %	126	0			
Gold member can search for villians	79 %	724	2	33 % 53 %		1
As a returning customer, I want to be able to override my default location so that I can order from Dinnerflow when I'm on the road.	35 %	110	0			
As a delivery provider, I want orders to be submitted to my business at least 45 minutes before we pick the order up from the provider so that we can optimize the delivery.		28	0			

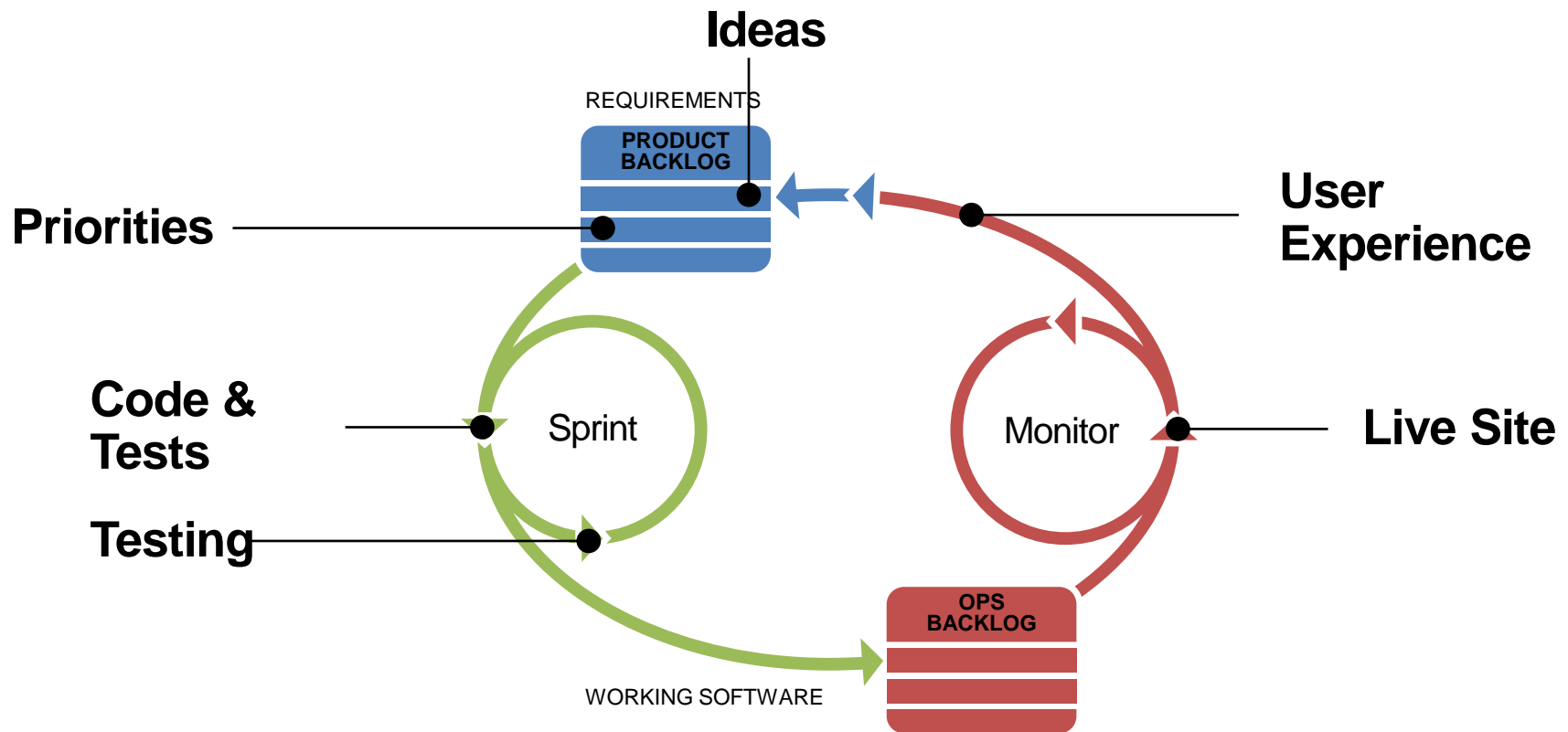
Continuous Value Delivery



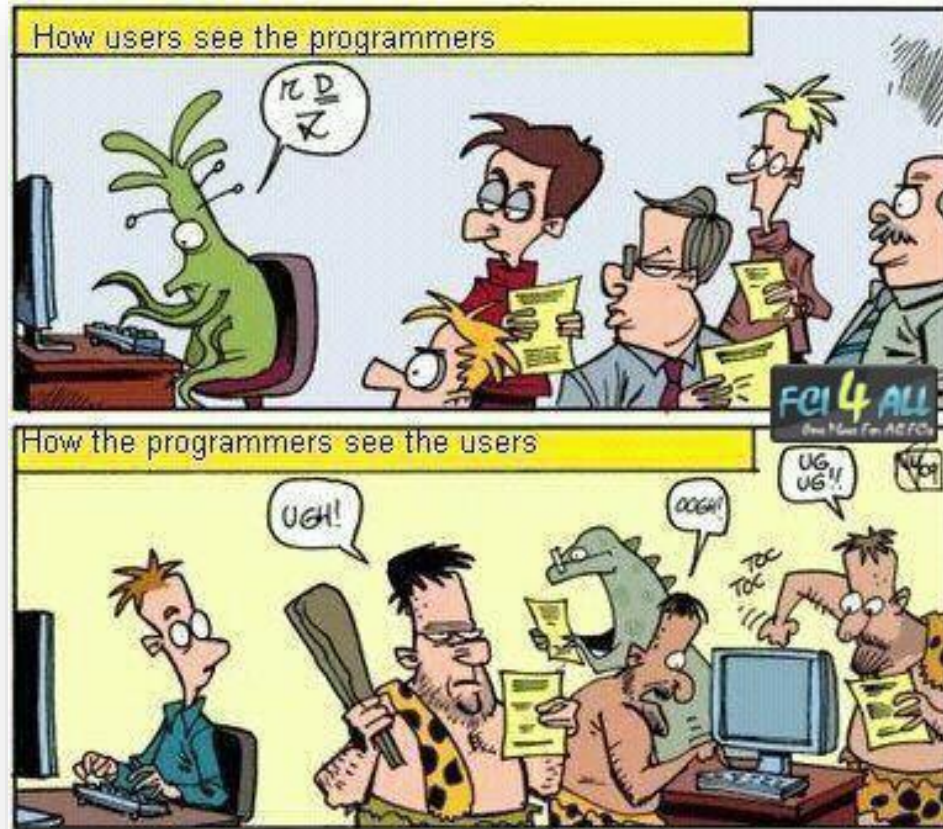
Nutzung & Betrieb überwachen



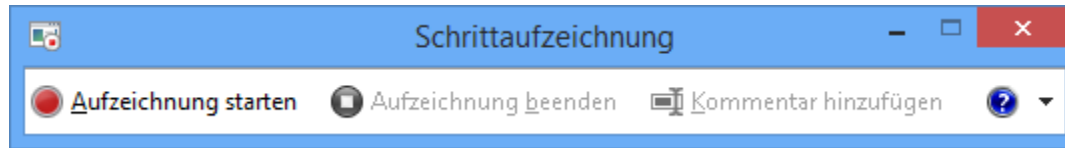
Continuous Value Delivery



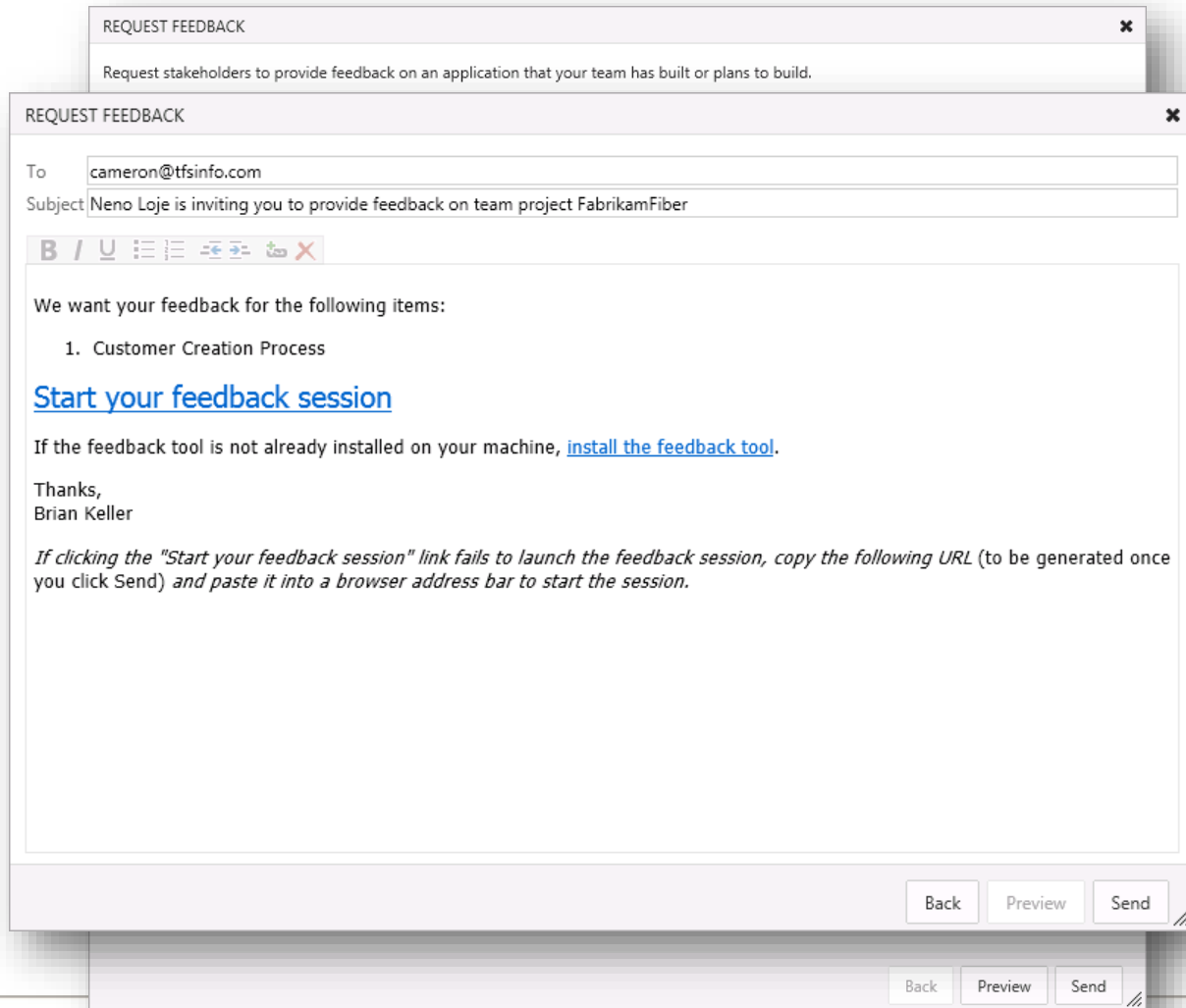
Haben wir die Erwartungen erfüllt?



Feedback mit Windows-Bordmitteln



Feedback anfordern ("Request Feedback")







REQUEST FEEDBACK

Request stakeholders to provide feedback on an application that your team has built or plans to build.

REQUEST FEEDBACK

To:

Subject:

B / U |  |  |  | 

We want your feedback for the following items:

1. Customer Creation Process

[Start your feedback session](#)

If the feedback tool is not already installed on your machine, [install the feedback tool](#).

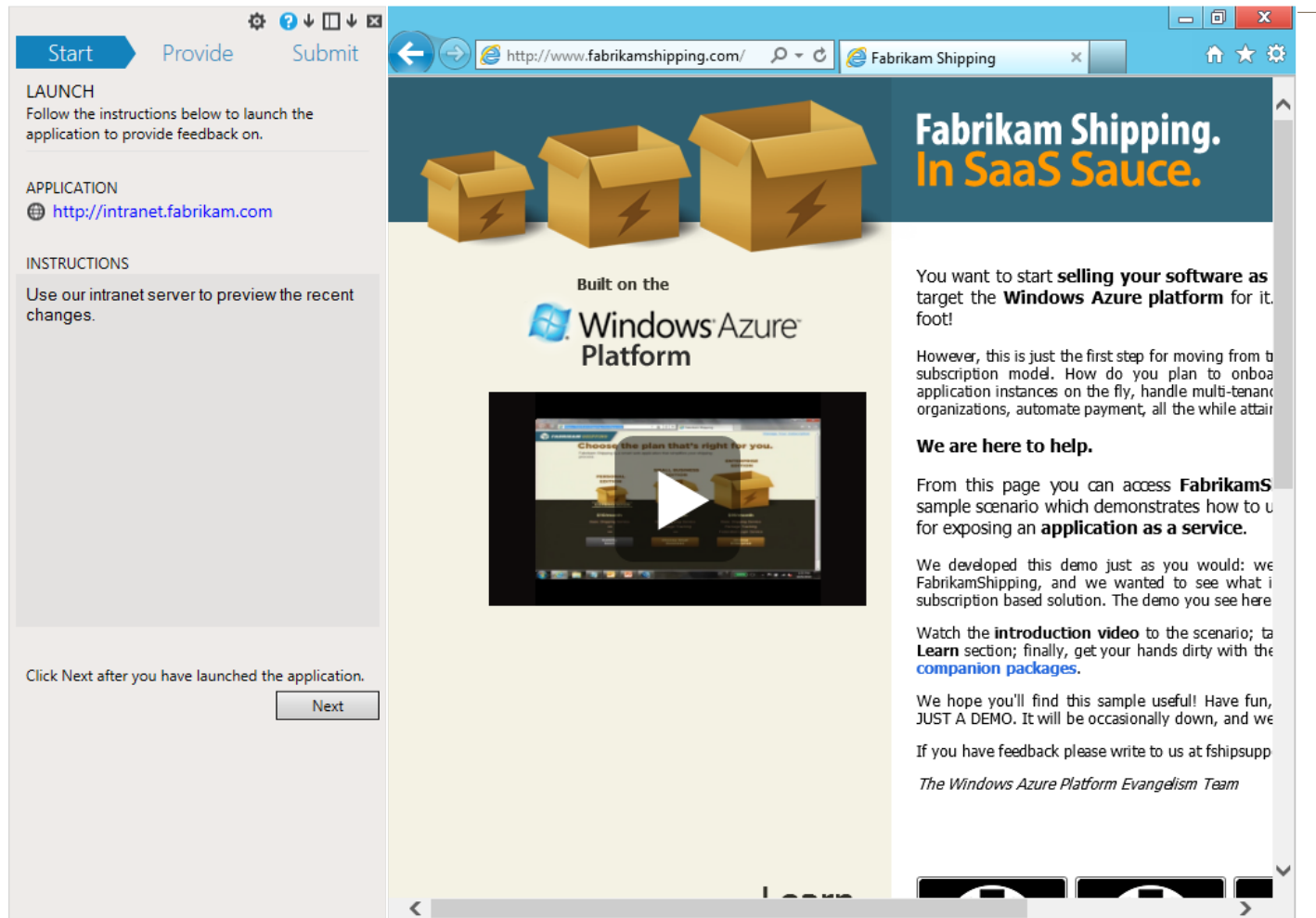
Thanks,
Brian Keller

If clicking the "Start your feedback session" link fails to launch the feedback session, copy the following URL (to be generated once you click Send) and paste it into a browser address bar to start the session.

Back Preview Send

Back Preview Send

Feedback geben (Microsoft Feedback Client)



The screenshot shows the Microsoft Feedback Client interface. On the left, there is a sidebar with the following sections:

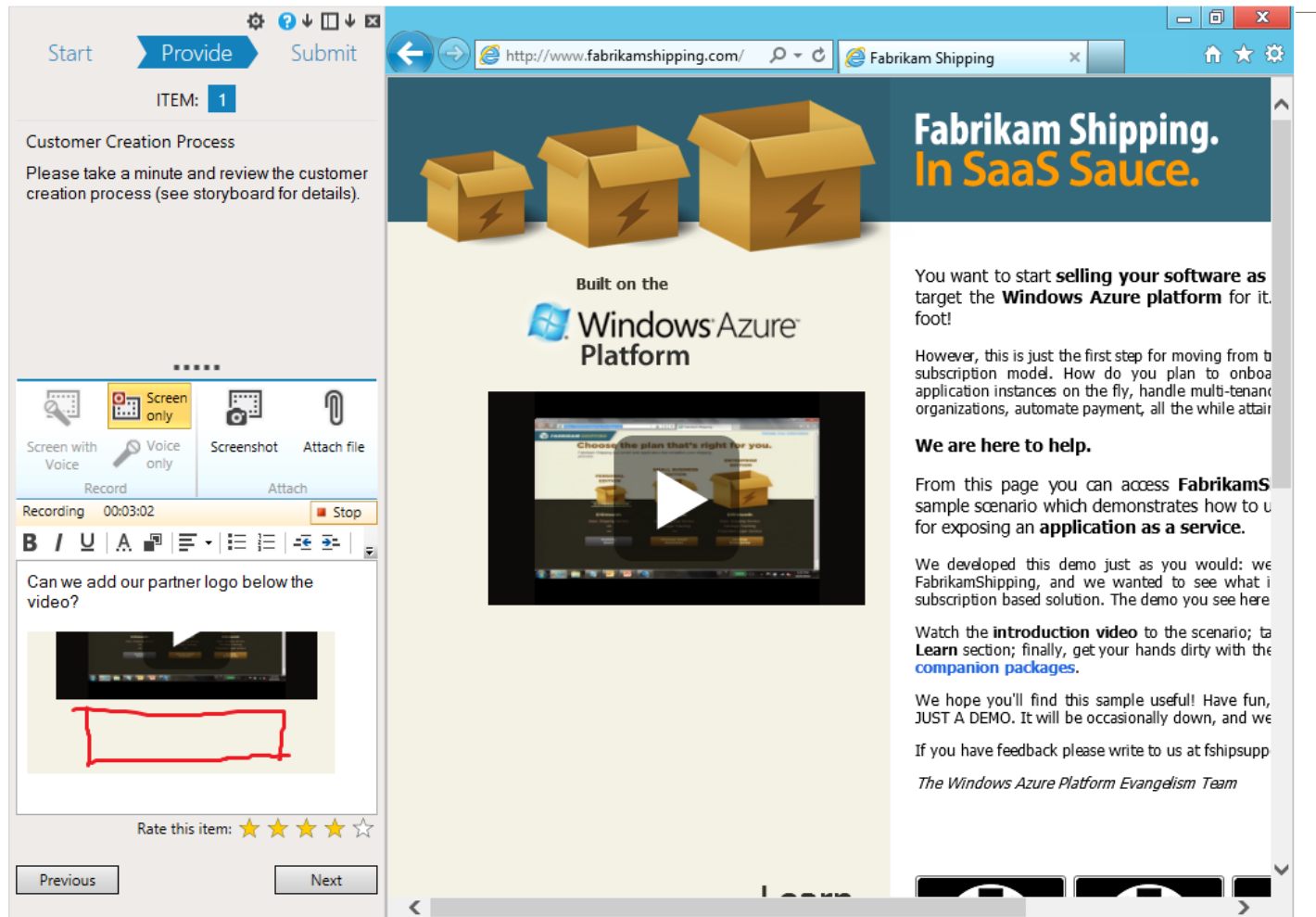
- Start** (highlighted), **Provide**, **Submit**
- LAUNCH**: Follow the instructions below to launch the application to provide feedback on.
- APPLICATION**: <http://intranet.fabrikam.com>
- INSTRUCTIONS**: Use our intranet server to preview the recent changes.

At the bottom of the sidebar, there is a text prompt: "Click Next after you have launched the application." and a **Next** button.

The main area displays a preview of the **Fabrikam Shipping** website. The browser address bar shows <http://www.fabrikamshipping.com/>. The website content includes:

- Three cardboard boxes with lightning bolts.
- Text: **Fabrikam Shipping. In SaaS Sauce.**
- Text: **Built on the Windows Azure Platform**
- A video player showing a "Choose the plan that's right for you." screen.
- Text: "You want to start **selling your software as a target the Windows Azure platform** for it. foot!"
- Text: "However, this is just the first step for moving from b subscription model. How do you plan to onboa application instances on the fly, handle multi-tenanc organizations, automate payment, all the while attain"
- Section: **We are here to help.**
- Text: "From this page you can access **FabrikamS** sample scenario which demonstrates how to u for exposing an **application as a service**."
- Text: "We developed this demo just as you would: we FabrikamShipping, and we wanted to see what i subscription based solution. The demo you see here"
- Text: "Watch the **introduction video** to the scenario; ta **Learn** section; finally, get your hands dirty with the **companion packages**."
- Text: "We hope you'll find this sample useful! Have fun, JUST A DEMO. It will be occasionally down, and we"
- Text: "If you have feedback please write to us at fshisupp"
- Text: *The Windows Azure Platform Evangelism Team*

Feedback geben (Microsoft Feedback Client)



Start **Provide** Submit

ITEM: 1

Customer Creation Process
Please take a minute and review the customer creation process (see storyboard for details).

Screen only

Screen with Voice Voice only Screenshot Attach file

Record Attach

Recording 00:03:02 Stop

Can we add our partner logo below the video?

Rate this item: ★★★★★

Previous Next

http://www.fabrikamshipping.com/ Fabrikam Shipping

Fabrikam Shipping. In SaaS Sauce.

Built on the **Windows Azure Platform**

You want to start **selling your software as a service** target the **Windows Azure platform** for it. In fact, you can't.

However, this is just the first step for moving from a traditional software model to a subscription model. How do you plan to onboard new application instances on the fly, handle multi-tenant organizations, automate payment, all the while maintaining high availability?

We are here to help.

From this page you can access **FabrikamSaaS** sample scenario which demonstrates how to use Windows Azure for exposing an **application as a service**.

We developed this demo just as you would: we built FabrikamShipping, and we wanted to see what it would be like to build a subscription based solution. The demo you see here is a sample scenario.

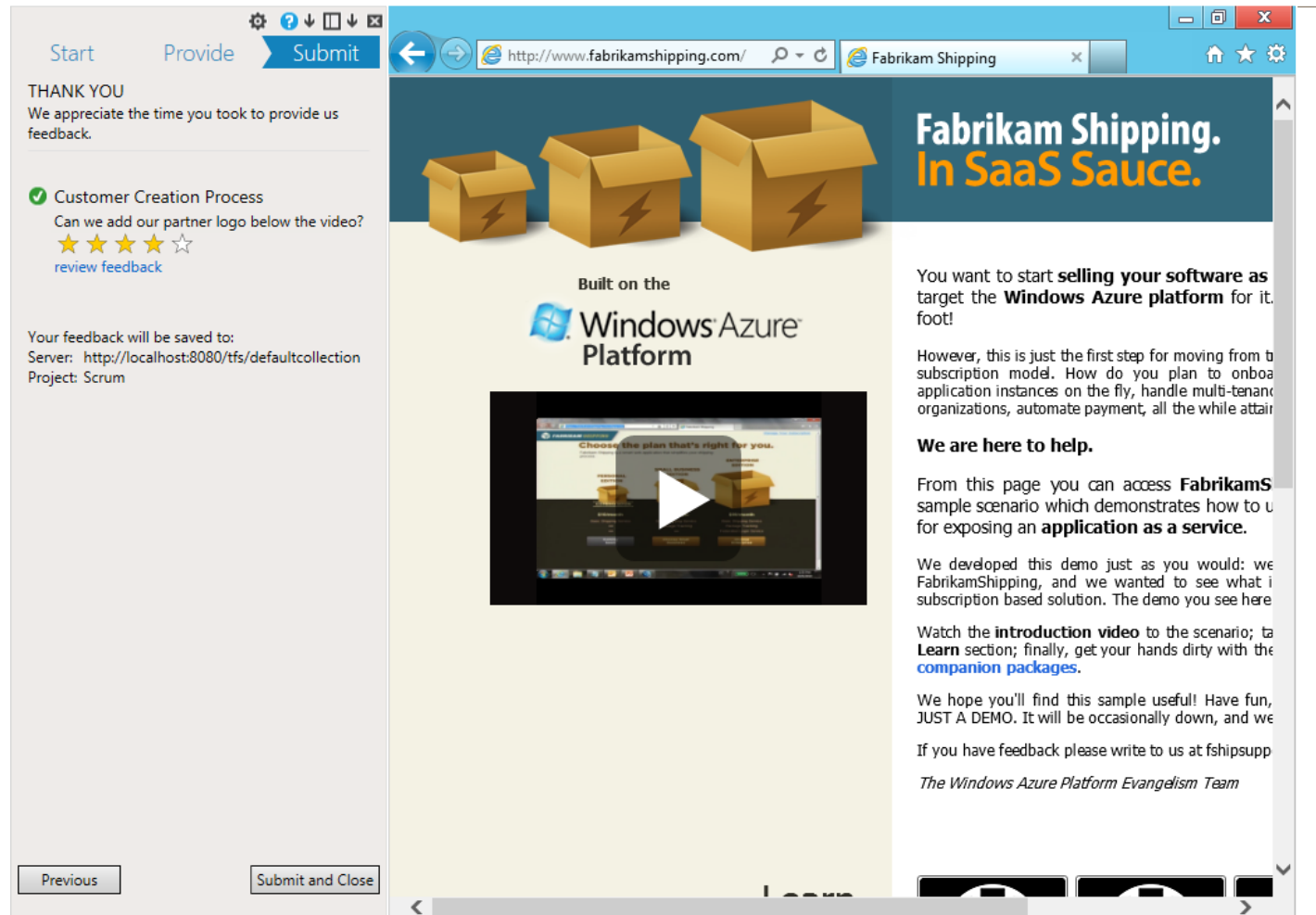
Watch the **introduction video** to the scenario; take a look at the **Learn** section; finally, get your hands dirty with the **companion packages**.

We hope you'll find this sample useful! Have fun, JUST A DEMO. It will be occasionally down, and we will be back soon.

If you have feedback please write to us at fshippers@msdn.com

The Windows Azure Platform Evangelism Team

Feedback geben (Microsoft Feedback Client)



The screenshot shows the Microsoft Feedback Client interface. On the left, there is a feedback form with the following content:

- Buttons: Start, Provide, Submit
- THANK YOU: We appreciate the time you took to provide us feedback.
- Feedback Item:
 - ✓ Customer Creation Process
 - Can we add our partner logo below the video?
 - Rating: 4 stars (4 yellow stars, 1 grey star)
 - review feedback
- Your feedback will be saved to:
 - Server: http://localhost:8080/tfs/defaultcollection
 - Project: Scrum
- Buttons: Previous, Submit and Close

The browser window on the right displays the website <http://www.fabrikamshipping.com/>. The page content includes:

- Header: Fabrikam Shipping. In SaaS Sauce.
- Image: Three cardboard boxes with lightning bolts.
- Text: Built on the Windows Azure Platform.
- Video: A video player showing a screenshot of the website with a play button.
- Main Text:

You want to start **selling your software as target the Windows Azure platform** for it. foot!

However, this is just the first step for moving from to subscription model. How do you plan to onboa application instances on the fly, handle multi-tenant organizations, automate payment, all the while attain

We are here to help.

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We developed this demo just as you would: we FabrikamShipping, and we wanted to see what i subscription based solution. The demo you see here

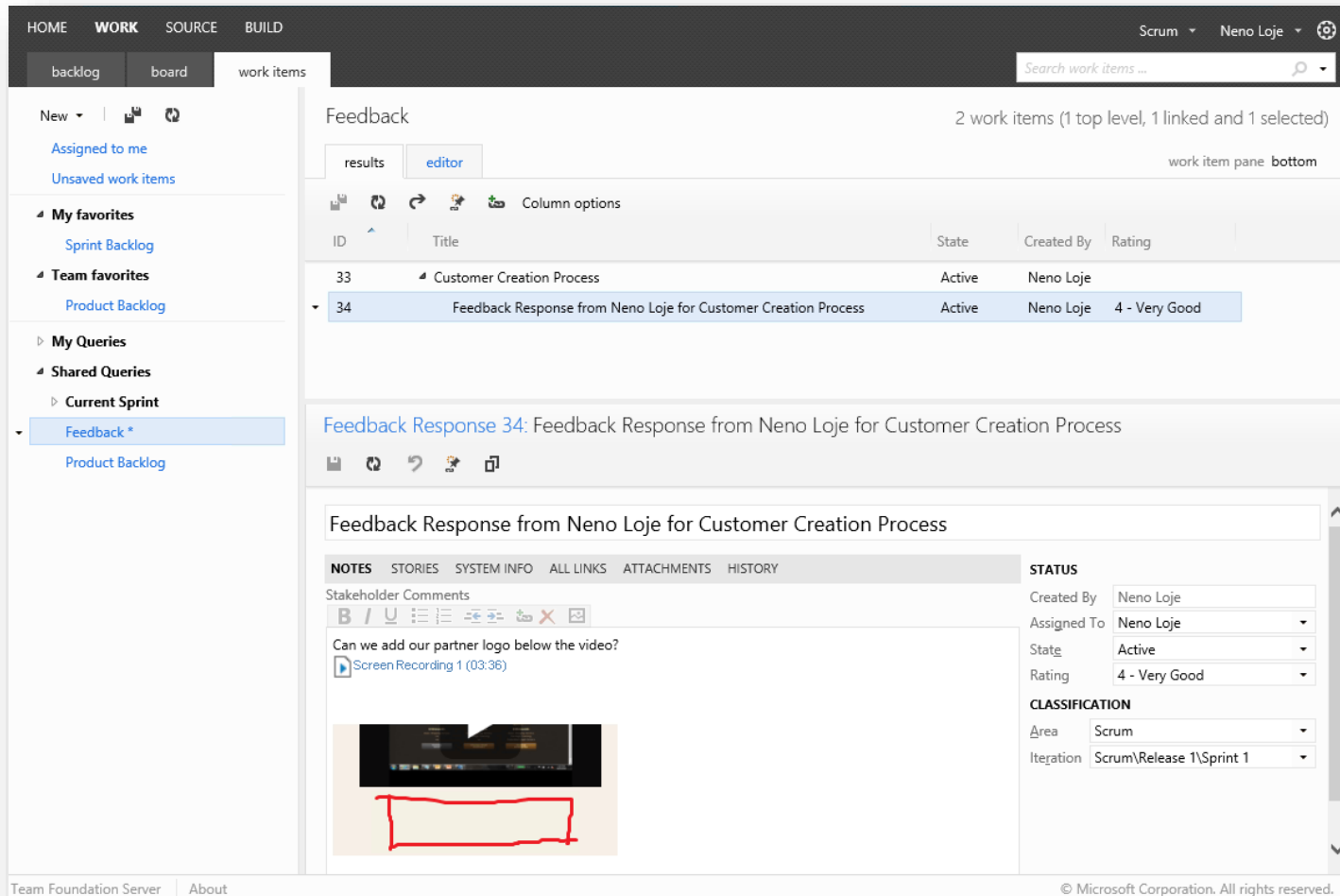
Watch the **introduction video** to the scenario; ta **Learn** section; finally, get your hands dirty with the **companion packages**.

We hope you'll find this sample useful! Have fun, JUST A DEMO. It will be occasionally down, and we

If you have feedback please write to us at fshippup

The Windows Azure Platform Evangelism Team

Feedback auswerten



The screenshot shows the Microsoft Azure DevOps interface for evaluating feedback. The top navigation bar includes HOME, WORK, SOURCE, and BUILD. The current view is 'work items' under the 'Scrum' project, with the user 'Neno Loje' logged in. The left sidebar shows navigation options like 'Assigned to me', 'My favorites', and 'My Queries', with 'Feedback *' selected under 'Current Sprint'.

The main area displays a table of work items:

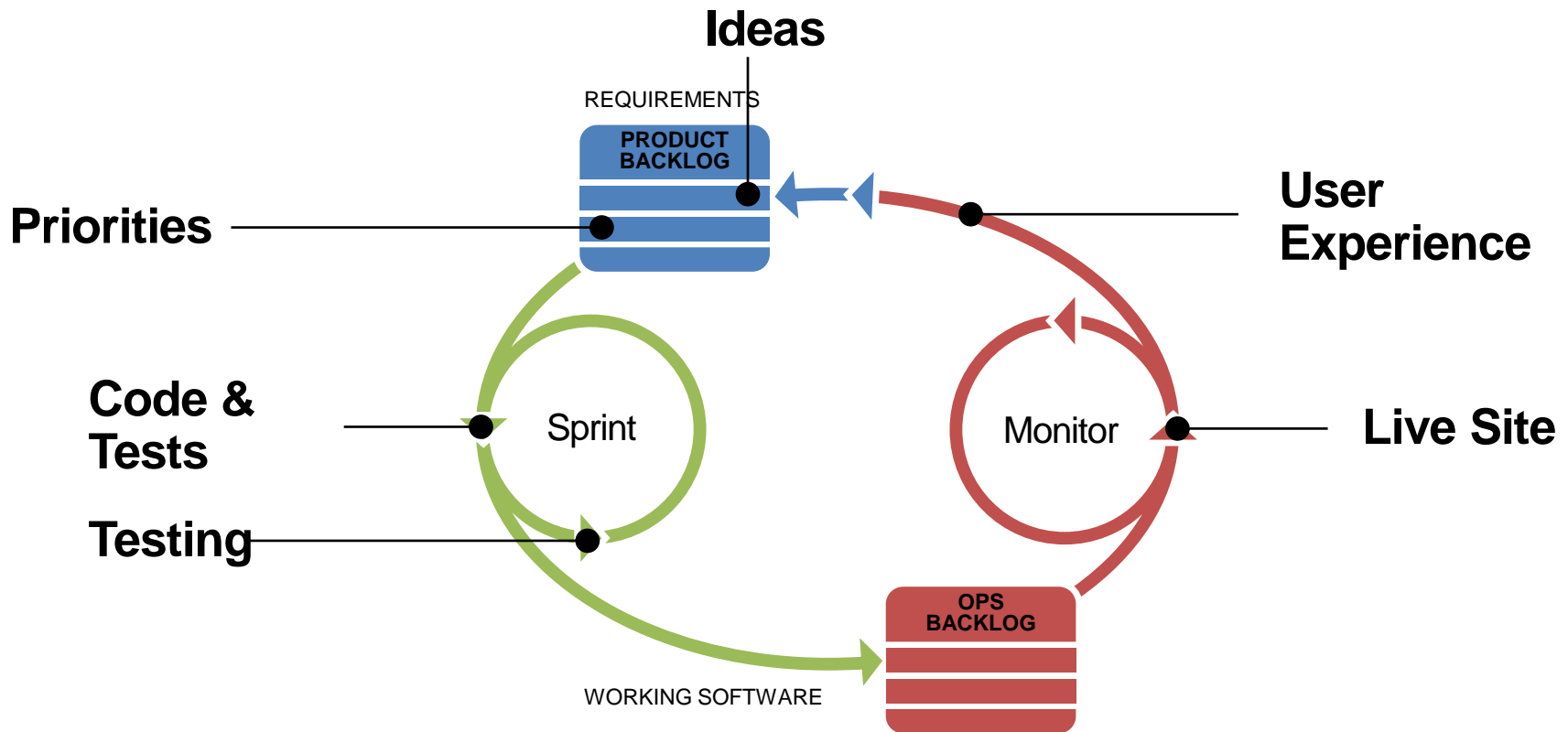
ID	Title	State	Created By	Rating
33	Customer Creation Process	Active	Neno Loje	
34	Feedback Response from Neno Loje for Customer Creation Process	Active	Neno Loje	4 - Very Good

The selected item (ID 34) is expanded to show details:

- Title:** Feedback Response from Neno Loje for Customer Creation Process
- Notes:** Stakeholder Comments: "Can we add our partner logo below the video?" with a video attachment 'ScreenRecording 1 (03:36)'. A red rectangle is drawn on the video frame to indicate the location for the partner logo.
- Status:** Created By: Neno Loje, Assigned To: Neno Loje, State: Active, Rating: 4 - Very Good.
- Classification:** Area: Scrum, Iteration: Scrum\Release 1\Sprint 1.

At the bottom, the footer reads 'Team Foundation Server | About' and '© Microsoft Corporation. All rights reserved.'

Continuous Value Delivery



Warum macht das dann nicht jeder?

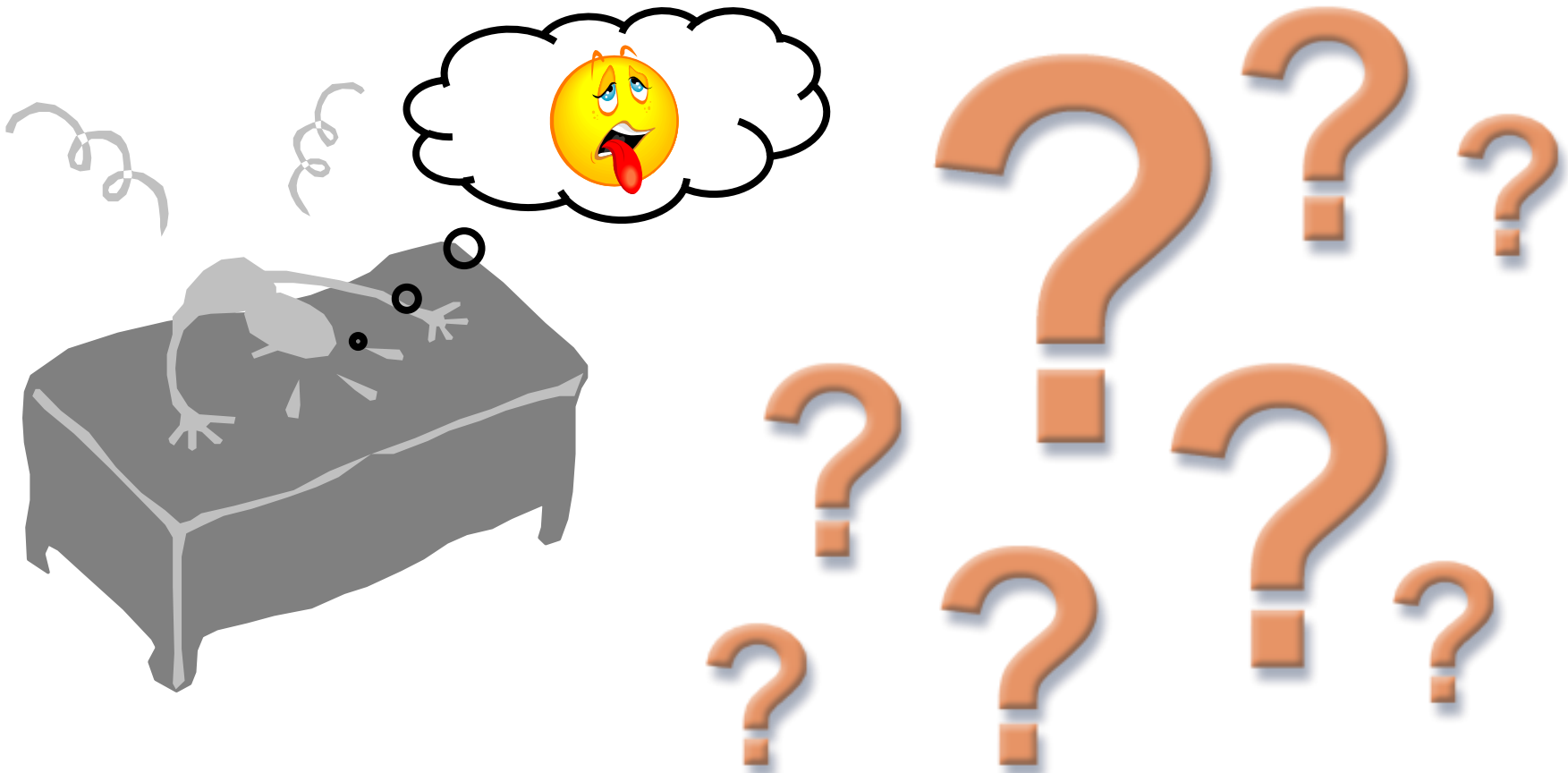


Warum macht das dann nicht jeder?



**EVERYBODY WANTS
TO CHANGE THE WORLD
BUT NOBODY WANTS
TO CHANGE**

Danke für Ihre Aufmerksamkeit!



Im Anschluss oder per E-Mail an:
nenloje@teamsystempro.de

Über Neno Loje

- Neno unterstützt Unternehmen und Teams
 - moderner und agiler zu werden
 - bei der Softwareentwicklung mit Team Foundation Server, Visual Studio & Scrum
 - bei der Einführung des Team Foundation Servers – von der Entscheidung über die Migration bis zur individuellen Anpassung.