

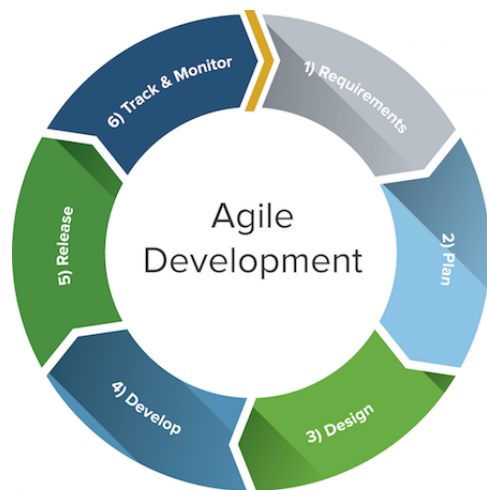
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*Visual Studio Team Services*

可扩展的集成团队环境

# 敏捷开发实践



- 用户访谈、用户故事
- 极限编程实践
- 持续集成、持续交付
- 迭代计划、持续跟踪
- 收集反馈

# 团队环境 栈

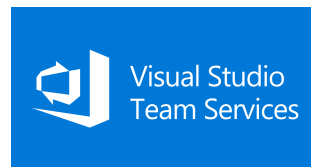
得力的协作工具  
有利于团队顺畅  
协作，既保障短  
期的交付计划，  
又帮助长期的沉  
淀演进。



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Travis CI



Jenkins



# VSTS: 敏捷项目计划

- **功能设计**  
灵活多样的工作项种类和项目协作模型
- **迭代计划**  
根据资源情况轻松调整迭代交付计划
- **进度跟踪**  
可视化跟踪迭代进展并掌控生产力规律
- **缺陷管理**  
让缺陷真正成为驱动提升产品质量的成功之母

REQUIREMENT 51

51 Cancel order form

Proposed Jamal Hartnett 2

Area Iteration Updated by Jamal Hartnett

Fabrikam Fiber Team Sprint 1

June 1 - June 12  
8 work days remaining

Group by Backlog items Person All

To do 82 h In progress 22 h Done

Item ID	Title	Assignee	Effort	State
366	Hello World Web Site	Jamal Hartnett	30 h	New
368	Change background color	Jamal Hartnett	4	In progress
369	About screen	Christie Church	12	In progress
370	Standardize on form factors	Jamal Hartnett	6	In progress
367	Design welcome screen	Johnnie McLeod	8	In progress

Slow response on information form 1 not started (12 h) 1 in progress (8 h)

Add an information form 2 not started (14 h)

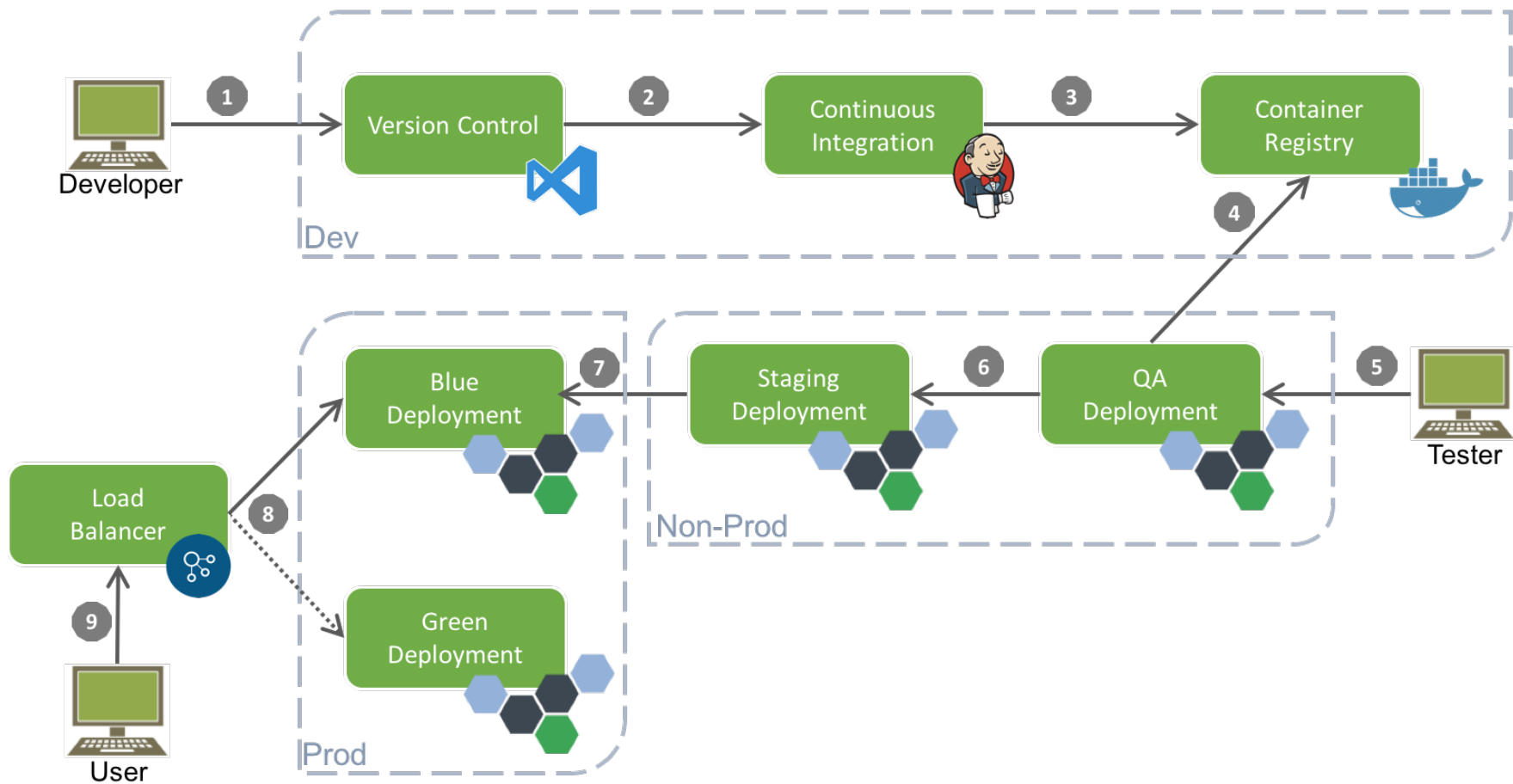
Change initial view 1 not started (8 h)

Secure sign-in 1 not started (12 h)

Welcome back 2 not started (20 h)

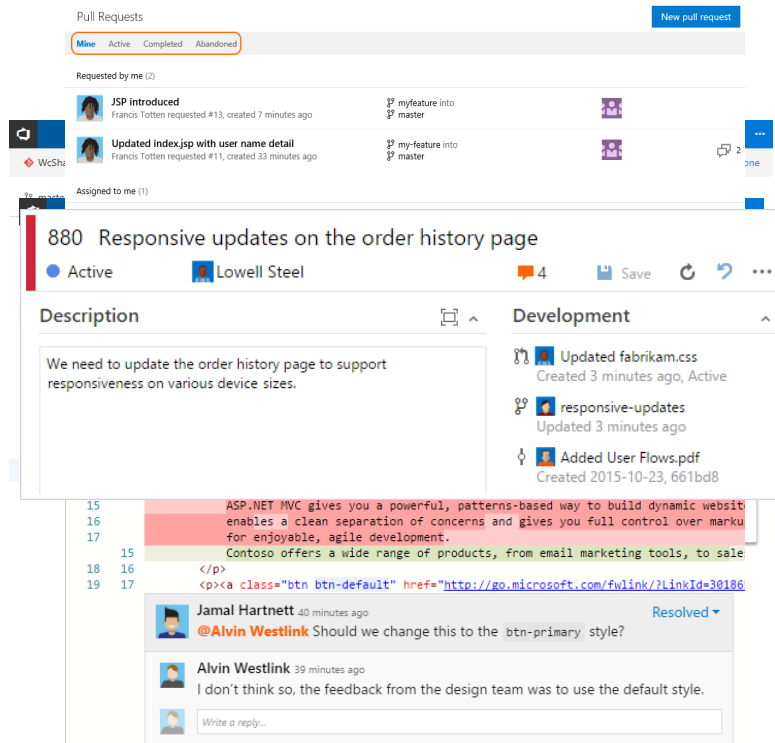
Subject matter expert 2  
Type or select a name  
Subject matter expert 3  
Type or select a name

# 持续集成，持续交付和发布



# VSTS: 代码协作

- 完整的代码管理工具链  
代码浏览, 历史跟踪、差异比较, 以及在线编辑
- 基于 **Git** 的开发方式  
利用自由的分支策略巧妙地完成代码协作
- 在线协作  
使用 PR 与 Comments 构建独特的代码社区
- 承上启下的集成性  
连接上游的需求和下游的集成与部署的纽带



# VSTS: 持续集成

WcShare ▾ Dashboards Code Work Build & Release Test Wiki\* | Search work items

Builds Releases Library Task Groups Deployment Groups\*

WcShare-Build Save & queue ▾ Discard Summary Queue ...

Tasks Variables Triggers Options Retention History

WcShare ▾ Dashboards Code Work Build & Release Test Wiki\* | Search work items

Builds Releases Library Task Groups Deployment Groups\*

✓ Build 20170731.2

- ✓ Build
  - ✓ Initialize Agent
  - ✓ Initialize Job
  - ✓ Get Sources
  - ✓ Run Build.bat
  - ✓ Publish Artifact: PackagedWcShare
  - ✓ Copy Azure Deploy Scripts
  - ✓ Post Job Cleanup
- ✓ Finalize build
  - ✓ Report build status

WcShare-Build / Build 20170731.2  Build not retained  Retained by release

Edit build definition Queue new build... Download all logs as zip Release

**Build succeeded**

Build 20170731.2 Ran for 58 seconds (Hosted VS2017), completed 15 days ago

Summary Timeline Artifacts Code coverage\* Tests

**Build details**

Definition	WcShare-Build (edit)
Source	master
Source version	Commit 8f8e1b08
Requested by	Microsoft.VisualStudio.Services.TFS on behalf of Jijie Chen
Queue name	Hosted VS2017
Queued	Monday, July 31, 2017 2:07 PM
Started	Monday, July 31, 2017 2:07 PM
Finished	Monday, July 31, 2017 2:08 PM

**Associated changes**

8f8e1b0 Authored by Jijie Chen  
Fixed path issue in vm CustomScript extension

**Work items linked to associated changes**

User Story 18 Marry can signin via the mobile portal  
Current state is Active. Currently assigned to Jijie Chen <jijie.chen@outlook.com>.

**Test Results**

No test runs are available for this build.  
Enable automated tests in your build definition by adding the Visual Studio Test task.

**Code Coverage**

No build code coverage data available.

**Tags**

Add tag...

**Deployments**

Environments	Status
Deploy On Azure / Release-8	
Dev	Failed

# VSTS: 持续发布

The screenshot displays the VSTS interface for configuring a pipeline named "Deploy On Servers". The "Variables" tab is active, showing a list of process variables. Below the list, the "RM Storage Account" task is configured with the value "jjchencoolvm".

**Deploy On Servers**

Pipeline | Tasks | **Variables** | Retention | Options | History

Process variables

Name	Value	Scope
artifactAccount	jjchencoolartifacts	CI Automation
artifactAccountToken	vw56XTmeVg+wwWqLUupeQv9cDN+VgIHfH8y9iPzxM0N5YK...	CI Automation
artifactBaseUrl	https://jjchencoolartifacts.blob.core.windows.net/mybridge-artifa...	QA
vmAdmin	manager	Release
vmName	jjchencoolvm	Release
vmPassword	.....	Release
vmPassword	.....	PROD

+ Add

RM Storage Account \* ⓘ

jjchencoolartifacts

Container Name \* ⓘ



# VSTS: 第三方集成与扩展



THANK YOU

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