



Visual Studio Team Services

Work Items and Queries

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Visual Studio Team Services

- Visual Studio Team Services is a platform taking care of all aspects of the process of developing software (the software development lifecycle)
- You can share Documents and Code with your Team, report Bugs, etc.

Visual Studio Team Services (VSTS)

- VSTS is a Source Code Control (SCC), Bug Tracking, Project Management, and Team Collaboration platform
- Integrated with Visual Studio
- VSTS is a Cloud Service
- Free for up to 5 users

www.visualstudio.com

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Bug Tracking

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Bug Tracking Systems

- A bug tracking system or defect tracking system is a software application that keeps track of reported software bugs in software development projects.
- Here I will demonstrate how to use VSTS to Report and Track Bugs in Software Development



Work Items

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Work Items – New Bug

New Bug 1*: WS is not working

      Copy template URL

Tags

WS is not working

STATUS

Assigned To
State
Reason

CLASSIFICATION

Area
Iteration

PLANNING

Stack Rank
Priority
Severity

REPRO STEPS

SYSTEM INFO

TEST CASES

       

Work Items are used to Add Items to the Product Backlog, Report Bugs, etc. Lots of different Work Items Types exists. You can even create New Work Item Types

HISTORY

ALL LINKS

ATTACHMENTS

       

DISCUSSION ONLY

ALL CHANGES

[No entries with comments]



Areas

Control panel > DefaultCollection > Software Development

Overview

Iterations

Areas

Security

Alerts

Version Control

Areas

Areas

Select the areas your team owns. Selected areas will determine what shows up on your team's backlog and what work items your team is responsible for.

New New child

Areas

 Software Development default area sub-areas are included

New

New child

Open

Delete

Security

Set as default area for team

Exclude sub-areas

The different software modules could be divided into different Areas

Areas

Example:

Areas

Select the areas your team owns. Selected areas will determine what shows up on your team's backlog and what work items your team is responsible for.

New

New child

Areas

- | | | | |
|-------------------------------------|----------------------|--------------|------------------------|
| <input checked="" type="checkbox"/> | Software Development | default area | sub-areas are included |
| <input type="checkbox"/> | Database | | |
| <input type="checkbox"/> | Design | | |
| <input type="checkbox"/> | Script | Set default | |
| <input type="checkbox"/> | Desktop | | |
| <input type="checkbox"/> | WinFormApp1 | | |
| <input type="checkbox"/> | WinFormApp2 | | |
| <input type="checkbox"/> | Web | | |
| <input type="checkbox"/> | WebFormApp1 | | |



Queries

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Queries

- Used to find existing Work Items
- You may create different Queries to make it easy to find the Work Items you need
- Queries may be personal or visible for everybody in the project (Team Queries)

New Query 1 5 work items (1 selected)

results [editor](#)

Column Options

Type of Query **Flat List of Work Items** Work Items and Direct Links Tree of Work Items

Filters for top level work items

	And/Or	Field	Operator	Value
+ X	<input type="checkbox"/>	Team Project	=	@Project
+ X	<input type="checkbox"/> And	Work Item Type	=	[Any]
+ X	<input type="checkbox"/> And	State	=	[Any]

+ Add new clause

Save query Column Options

ID	Work It...	Title	Assigned To	State	Tags
1	Bug	Database Error	Hans-Pett...	Active	
2	Task	Add Web functionality		New	
4	Test Case	Test Empty Fields	Hans-Pett...	Design	
3	Test Case	Test Web Service	Hans-Pett...	Design	
5	Bug	WS is not working		Active	

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