



Heterogenes ALM mit Team Foundation Server

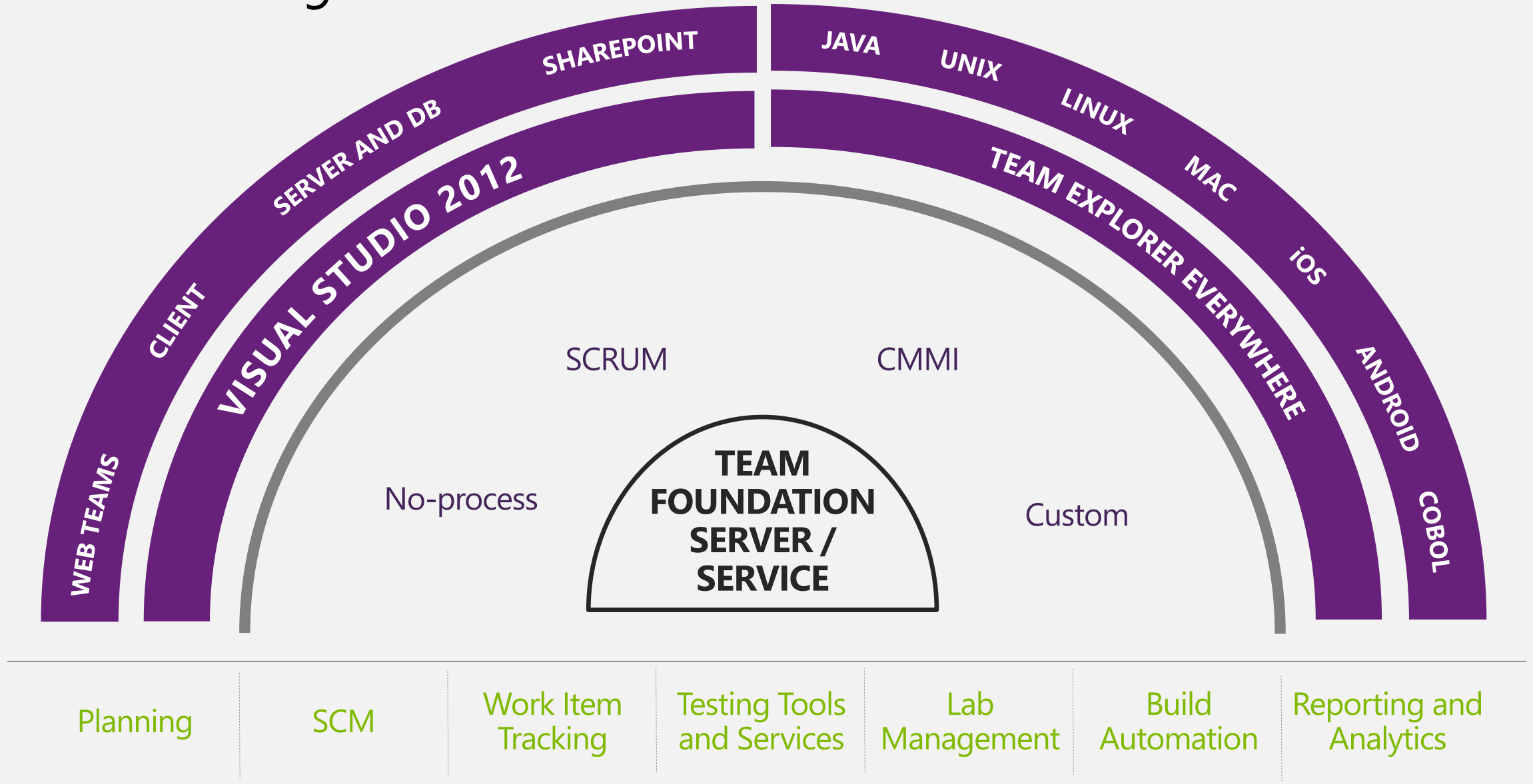
Artur Speth, Microsoft



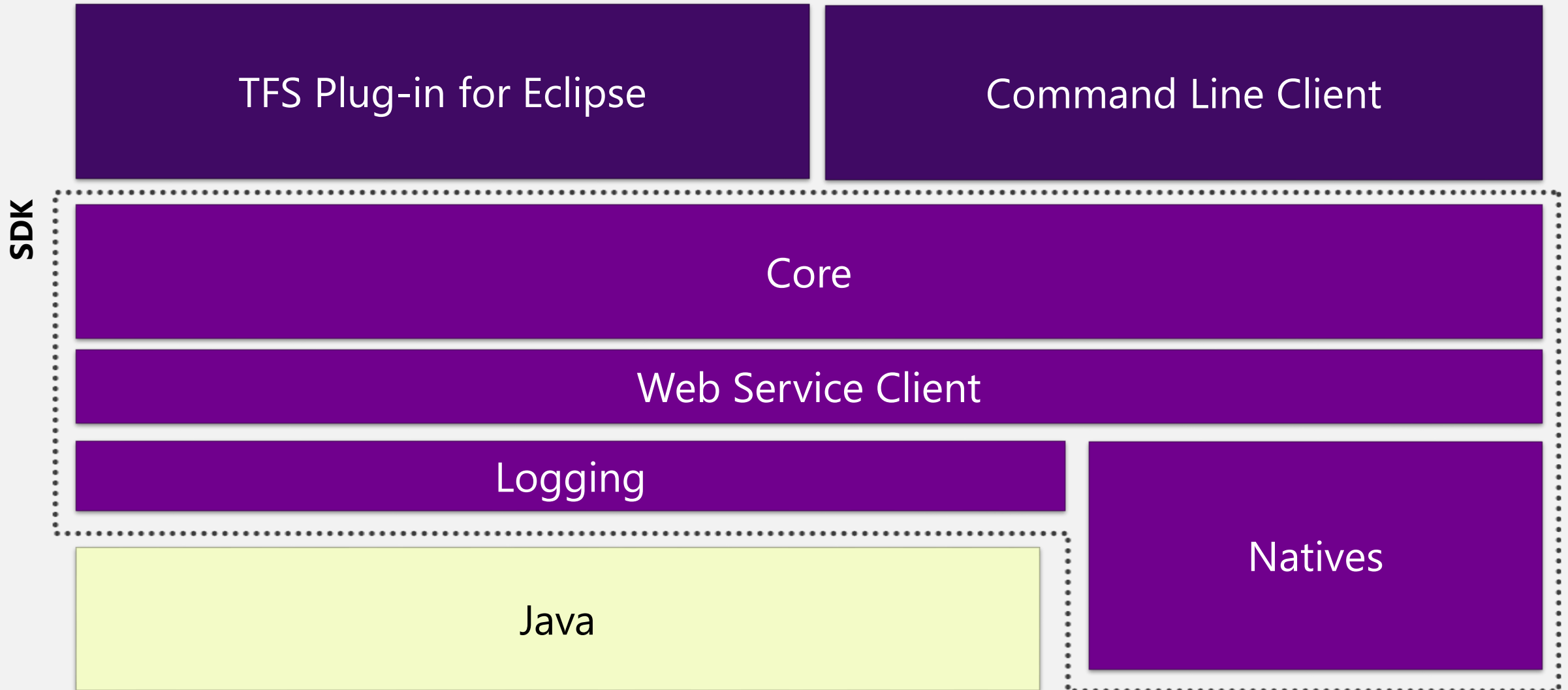
A photograph of two mountaineers ascending a steep, snow-covered mountain peak. The climbers are wearing colorful gear and carrying backpacks. The sky is a deep blue with scattered white clouds. A large, solid purple triangle is overlaid on the right side of the image, containing the title text in white.

Herausforderungen heterogener Teams

ALM für jedes Team



Team Explorer Everywhere



demo

Einheitliches ALM für heterogene Teams



CMMI, Agile und Custom Prozesstemplates	•	•
Local und Server Workspaces	•	•
Projektreporting	•	•
Atomic check-in	•	•
Check-in Policies	•	•
Work Item Tracking	•	•
Transparent Execute Bit	•	
Synchronize Perspektive in Eclipse	•	
Branch Visualisierung		•
Shelve / Unshelve	•	•
Team Build	Java builds	.NET builds
Continuous Integration & Gated Check-in	•	•

Team Explorer Everywhere Update 1

TEE Update 1 enthält:

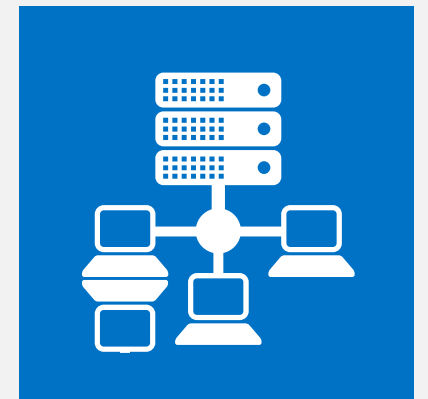
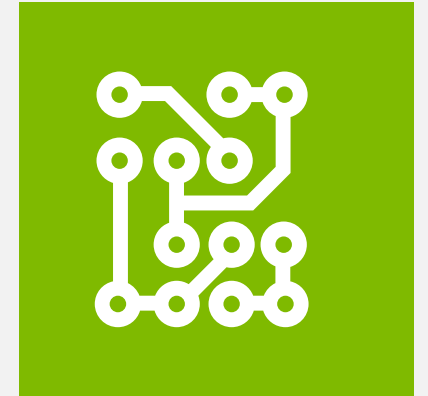
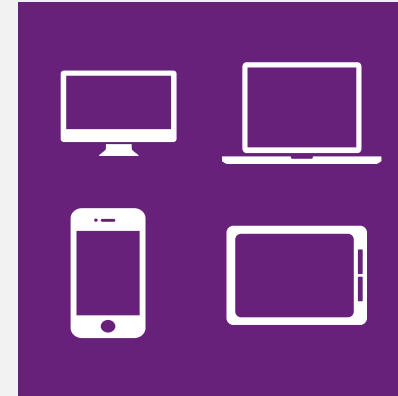
Lokalisierung der UI

Baseless Merge in der UI

Public Workspace Support

Java 7 Support auf MacOS

Bug fixes und div. Verbesserungen



A man with long brown hair, wearing a bright yellow bicycle helmet and a black jacket, is looking back over his right shoulder. He has a large, dark grey backpack on his back. The background is a solid blue wall with a white door frame visible on the left. The text "Zeit für Ihre Fragen" is written in white on the right side of the image.

Zeit für Ihre
Fragen

Links und Informationen

TFS Service mit Java Anwendungen nutzen

<http://tfs.visualstudio.com/en-us/learn/code/connect-eclipse/>

Team Explorer Everywhere Update 1

<http://www.microsoft.com/en-us/download/details.aspx?id=30661>

Eclipse Download Site: <http://dl.microsoft.com/eclipse/tfs>

Team Foundation Server Build Extensions Power Tool

<http://visualstudiogallery.msdn.microsoft.com/2d7c8577-54b8-47ce-82a5-8649f579dcb6>

Team Foundation Server Java SDK

<http://www.microsoft.com/en-us/download/details.aspx?id=22616>

Git-TF für Team Foundation Server

<http://www.microsoft.com/en-us/download/details.aspx?id=30474>

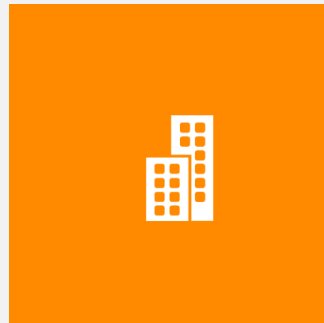
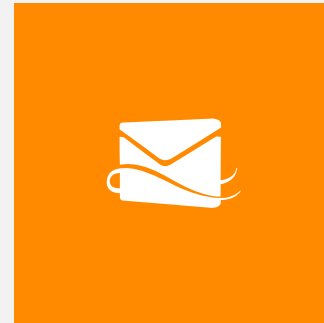
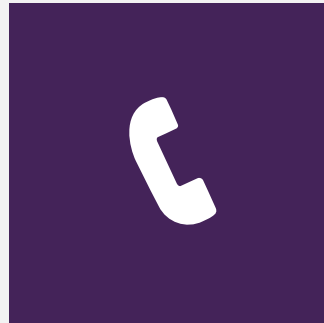


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Package Explorer

- billing-service
 - src/main/java
 - com.contoso.billing.service
 - App.java [24]
 - BillingServiceMessageFactory.java [24]
 - BillingServiceMessageFactoryImpl.java [24]
 - ConsoleMessageRenderer.java [24]
 - Main.java [24]
 - MessageLength.java [24]
 - MessageRenderer.java [24]
 - MessageRendererFactory.java [24]
 - MessageRendererFactoryImpl.java [24]
 - RandomMessageLengthGenerator.java [24]
 - src/test/java
 - com.contoso.billing.service
 - AppTest.java [24]
 - BillingServiceMessageFactoryImplTest.java [24]
 - ConsoleMessageRendererTest.java [24]
 - MainTest.java [24]
 - MessageRendererFactoryImplTest.java [24]
 - RandomMessageLengthGeneratorTest.java [24]
 - JRE System Library [jre7]
 - Referenced Libraries
 - docs
 - junit
 - src
 - target
 - build.xml [24]

Product Backlog [...] Product Backlog I ... Build Explorer - ... Source Control

Local Path: [D:\source\fabrikam\billing-service](#)

Name	Pending Cha...	User	Latest	Last Check-in
docs			Yes	18/05/12 01:14
junit			Yes	18/05/12 01:14
src			Yes	18/05/12 01:14
target			Yes	18/05/12 01:14
.classpath			Yes	18/05/12 01:14
.project			Yes	18/05/12 01:14
.tpignore			Yes	18/05/12 01:14
build.xml			Yes	18/05/12 01:14
pom.xml			Yes	18/05/12 01:14

Team Explorer Outline

Home ▾ FabrikamFiber

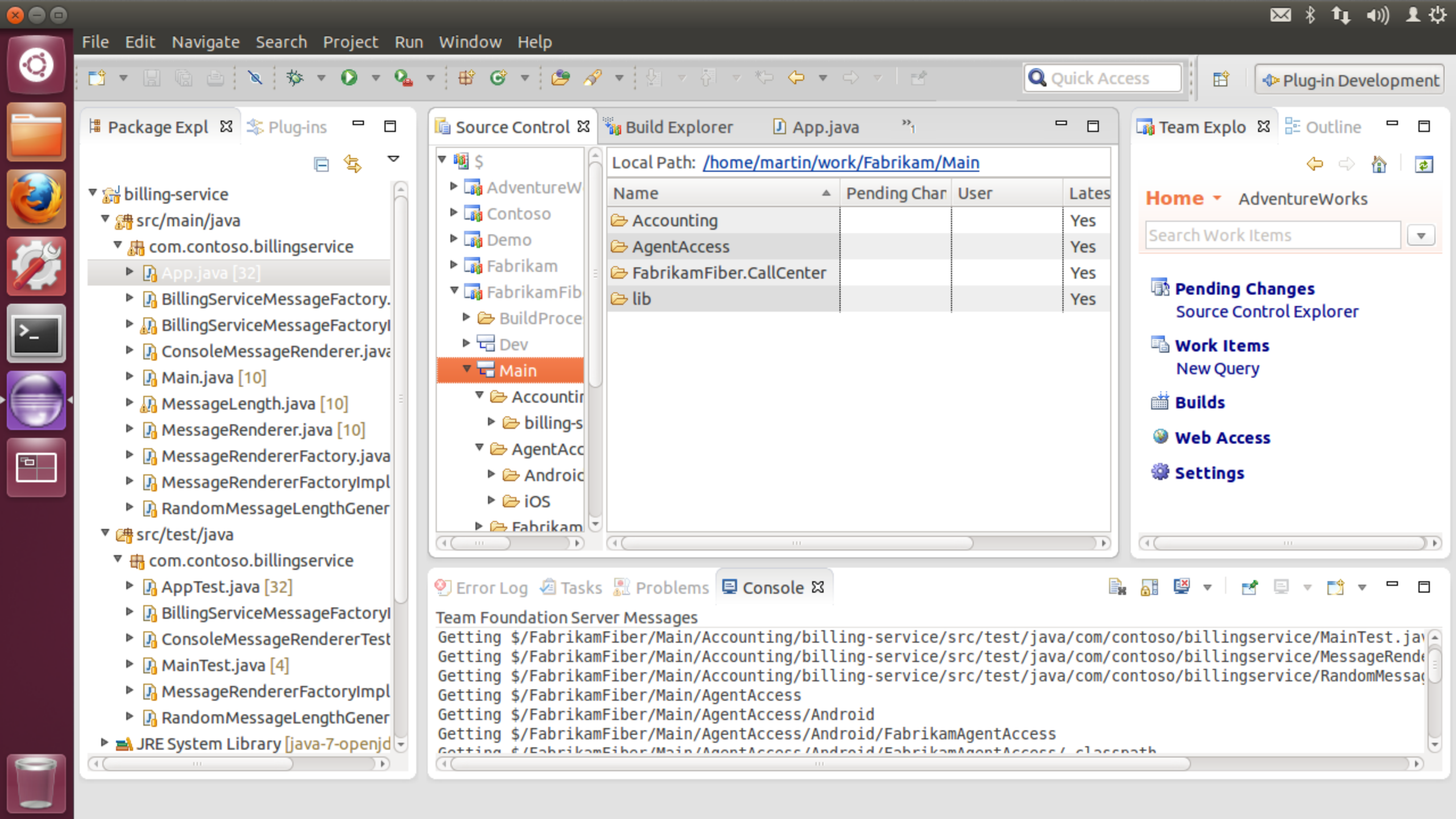
Search Work Items

- Pending Changes
 - Source Control Explorer
- Work Items
 - New Query
- Documents
- Builds
- Web Access
- Settings

Error Log Tasks Problems

0 errors, 7 warnings, 0 others

Description	Resource	Path	Location	Type
Warnings (7 items)				



File Edit Navigate Search Project Run Window Help



Quick Access

Plug-in Development

Package Expl Plug-ins

Package Explorer view showing project structure:

- billing-service
 - src/main/java
 - com.contoso.billing-service
 - App.java [32]
 - BillingServiceMessageFactory.java
 - BillingServiceMessageFactoryImpl.java
 - ConsoleMessageRenderer.java
 - Main.java [10]
 - MessageLength.java [10]
 - MessageRenderer.java [10]
 - MessageRendererFactory.java
 - MessageRendererFactoryImpl.java
 - RandomMessageLengthGenerator.java
 - src/test/java
 - com.contoso.billing-service
 - AppTest.java [32]
 - BillingServiceMessageFactoryTest.java
 - ConsoleMessageRendererTest.java
 - MainTest.java [4]
 - MessageRendererFactoryImplTest.java
 - RandomMessageLengthGeneratorTest.java
 - JRE System Library [java-7-openjdk]

Source Control

Source Control view showing local path and file list:

Local Path: [/home/martin/work/Fabrikam/Main](#)

Name	Pending Char	User	Latest
Accounting			Yes
AgentAccess			Yes
FabrikamFiber.CallCenter			Yes
lib			Yes

File list:

- AdventureWorks
- Contoso
- Demo
- Fabrikam
- FabrikamFiber
 - BuildProcess
 - Dev
 - Main
 - Accounting
 - billing-service
 - AgentAccess
 - Android
 - iOS
 - Fabrikam

Build Explorer

Build Explorer view showing build configurations:

Local Path: [/home/martin/work/Fabrikam/Main](#)

Name	Pending Char	User	Latest
Accounting			Yes
AgentAccess			Yes
FabrikamFiber.CallCenter			Yes
lib			Yes

App.java

App.java editor view showing code:

```
1 package com.contoso.billing-service;
2
3 import java.util.*;
4
5 public class App {
6     public static void main(String[] args) {
7         // ...
8     }
9 }
```

Team Explorer

Team Explorer view showing work items and settings:

Home AdventureWorks

Search Work Items

- Pending Changes
- Source Control Explorer
- Work Items
- New Query
- Builds
- Web Access
- Settings

Outline

Outline view showing class hierarchy:

- App
- BillingServiceMessageFactory
- BillingServiceMessageFactoryImpl
- ConsoleMessageRenderer
- Main
- MessageLength
- MessageRenderer
- MessageRendererFactory
- MessageRendererFactoryImpl
- RandomMessageLengthGenerator

Error Log Tasks Problems Console

Console view showing Team Foundation Server messages:

```
Team Foundation Server Messages
Getting $/FabrikamFiber/Main/Accounting/billing-service/src/test/java/com/contoso/billing-service/MainTest.java
Getting $/FabrikamFiber/Main/Accounting/billing-service/src/test/java/com/contoso/billing-service/MessageRendererTest.java
Getting $/FabrikamFiber/Main/Accounting/billing-service/src/test/java/com/contoso/billing-service/RandomMessageLengthGeneratorTest.java
Getting $/FabrikamFiber/Main/AgentAccess
Getting $/FabrikamFiber/Main/AgentAccess/Android
Getting $/FabrikamFiber/Main/AgentAccess/Android/FabrikamAgentAccess
Getting $/FabrikamFiber/Main/AgentAccess/Android/FabrikamAgentAccess/classpath
```

Martin-Woodwards-MacBook-Pro:AgentAccess martin\$ ls -al

total 16

```
drwxr-xr-x  8 martin  staff  272 16 Feb 05:56 .
drwxr-xr-x  6 martin  staff  204 16 Feb 05:39 ..
drwxr-xr-x  3 martin  staff  102 16 Feb 05:39 Android
drwxr-xr-x  2 martin  staff   68 16 Feb 05:39 Windows
drwxr-xr-x  2 martin  staff   68 16 Feb 05:39 WindowsPhone
-rw-r--r--  1 martin  staff   33 16 Feb 05:56 build.sh
drwxr-xr-x  3 martin  staff  102 16 Feb 05:39 iOS
-rw-r--r--  1 martin  staff   45 16 Feb 05:55 readme.txt
```

Martin-Woodwards-MacBook-Pro:AgentAccess martin\$ tf status

There are no matching pending changes.

Martin-Woodwards-MacBook-Pro:AgentAccess martin\$ chmod a+x build.sh

Martin-Woodwards-MacBook-Pro:AgentAccess martin\$ ls -al build.sh

```
-rwxr-xr-x  1 martin  staff   33 16 Feb 05:56 build.sh
```

Martin-Woodwards-MacBook-Pro:AgentAccess martin\$ tf status

File name	Change	Local path
-----------	--------	------------

\$/FabrikamFiber/Main/AgentAccess		

build.sh	property (+x)	/Users/martin/source/fabrikam/Main/AgentAccess/build.sh
----------	---------------	---

1 change(s)

Martin-Woodwards-MacBook-Pro:AgentAccess martin\$ tf checkin -comment:"Added execute bit to build script"

Checking in property (+x): build.sh

Changeset #45 checked in.

Martin-Woodwards-MacBook-Pro:AgentAccess martin\$

