# Step.01

使用 VisualSVN 创建 Repository (仓库)。本例中,仓库名为: OneSvn



# Step.02

规划 Repository 目录结构,doc 存放文档,src 存放代码(trunk:主版本,branches:分支版本,tags:基线版本)



软件版本命名规范: ♡ Release

# Step.03

# 创建用户。



## 并为用户分配权限:

#### 注:设置 Everyone 权限为 No Access

* + 2 0 × 4	Properties for /swe/OneSwn/	9 20
VuudSVI Sterer (Lo VuudSVI Sterer (Lo VuudSV	Serve ity Itaaka Grup or user names Taane Ding Ding Ding Ding	hermaans No Access Jana Jama Cose Use of Group Cose fuil Revise
	Permissions Phenit from periorit (Acad / Kinte) Phenit from periorit (Acad / Kinte) Phenit Access Ph	Uses edm Vrg VA
	HE N	Create user

# Step.04

创建产品主版本,并提交至 OneSvn 库中的 trunk 目录下。本例中 IDE 为 VS2010 RC, SVN 客户端为 AnkhSVN。

## 首先: Add Solution to Subversion

注:清空 Project Name,可保证创建 OneSvn 目录。



## 然后: Commit Solution Changes

注:提交时要添加必要的注释 (Log Message)。

			? <mark>&gt;</mark>
Path	Project	Change	Full Path
OManAws/web.config	D:\\OM	New	D:\xWorkspace\OMan\src\trunk\OMa
OManSa/App.xaml	OManSa	New	D:\xWorkspace\OMan\src\trunk\OMa
OManSa/App.xaml.cs	OManSa	New	D:\xWorkspace\OMan\src\trunk\OMa
OManSa/MainPage.xaml	OManSa	New	D:\xWorkspace\OMan\src\trunk\OMa
OManSa/MainPage.xaml.cs	OManSa	New	D:\xWorkspace\OMan\src\trunk\OMa
OManSa/OManSa.csproj	OManSa	New	D:\xWorkspace\OMan\src\trunk\OMa
OManSa/OManSa.sln	<solutio< td=""><td>New</td><td>D:\xWorkspace\OMan\src\trunk\OMa</td></solutio<>	New	D:\xWorkspace\OMan\src\trunk\OMa
OManSa/Properties/AppManifest.xml	OManSa	New	D:\xWorkspace\OMan\src\trunk\OMa
<pre></pre>			•
Keep Locks			OK Cancel





选中方案节点,选中 Add Solution to Subversion 菜单:

### 选中方案节点,选中 Commit Solution Changes 菜单:



# Step.05

创建分支。

在本例中,我们假定某个项目的功能需要调整,因此要进行分支。 注:在 Url 中添加分支目录名称,用以标识本次分支。 Update to Specific Version... 分支命名应遵循上面所描述的规范。若想创建一个临时分支,可采用如下的 A Loc<u>k</u>... 规则: B4[What]-[YYYYMMDDHH] R. Compa<u>r</u>e... ? X Branch Project Unified Diff... Annotate... From: 3 Project Properties ... D:\xWorkspace\OneSvn\src\trunk\OneSvnAwa Folder: <u>۲</u> Branch Project... Url: https://askweee2010/svn/OneSvn/src/trunk/OneSvnAwa/ БЩ, Switch Project... Version: () Head/Latest Version Merge Project... ጉ Working Copy <u>A</u>dd... ÷ ... Specific version: 10 Cleanup Refresh Status To: Select in Working Copy Explorer Url: s://askweee2010/svn/OneSvn/src/branches/B4T-201004082339 Open Folder in Repository Explorer Log Message: branches for test. .... 常见的需要创建分支的理由: 为某用户定义一个特殊版本; Switch to Branch after creation ОК Cancel 在不影响主版本开发进度的前提下修正 BUG;

# 登陆到 SVN (使用 VisualSVN) 可看到所创建的分支。



### 选中需创建分支的项目,选中 Branch Project 右键菜单:

# Step.06

切换到所创建的分支。

Switch:	
Path:	D:\xWorkspace\OneSvn\src\trunk\OneSvnAwa
To:	
Url:	https://askweee2010/svn/OneSvn/src/branches/B4T-201004082343/OneSvnAwa/ 🔹 🛄
	Type: Latest Version 💌
	u Unversioned Obstructions

# 选择准备使用的分支





注:Switch 后 , 本地目录 ( trunk ) 中的项目已经为分支版 本的代码。这一点 , 可以通过做变更并提交后 , 再次切换回 主版本可以查证。

# 在本例中,我们在分支版本中增加了一个文件:Default.aspx,并进行了 commit。

Commit to Subversion			? ×
Path	Project	Change	Full Path
<ul> <li>⑦ OneSvnAwa/Default.aspx</li> <li>⑦ OneSvnAwa/Default.aspx.cs</li> <li>⑦ OneSvnAwa/Default.aspx.designer.cs</li> <li>⑦ OneSvnAwa/OneSvnAwa.csproj</li> </ul>	OneSvnA OneSvnA OneSvnA OneSvnA	New New New Edited	D:\xWork D:\xWork D:\xWork D:\xWork
د است. Log Message:			4
add default.aspx			4 *
<ul> <li>Keep Locks</li> <li>Keep Changelists</li> </ul>		ж	Cancel

# Step.07

# 将分支合并到主干。

Switch To	Update to Specific Version	
	🔒 Lock	
Switch:	Compare	
Path: D:\xWorkspace\OneSvn\src\trunk\OneSvnAwa	Unified Diff	
	Annotate	
	Project Properties	
	🍄 Branch Project	
Jrl: https://askweee2010/svn/OneSvn/src/trunk/OneSvnAwa/ 👻 🛄	Switch Project	
	Y Merge Project	
Type: Latest Version 🔻	🔂 Add	
	Cleanup	
Allow Unversioned Obstructions	🔹 Refresh Status	
	Select in Working Copy Explorer	
	Open Folder in Repository Explorer	
<b>先择欲与之合并的分支版本:</b>		
ge Wizard	百升关型的远洋:	
ect the merge source	Merge Wizard	?
Specify the location containing the items to merge.	Select the merge type	<b>A</b>
	Select the type of merge to perform	2
je from: https://askweee2010/svn/OneSvn/src/branches/B4T-201004082343/OneSvnAwa/	Merge Input	
risions	Merge a range of revisions*	
All eligible revisions	<ul> <li>Reintegrate a branch*</li> <li>Merge two different trees</li> </ul>	
Select revisions on the next page	<ul> <li>Manually record merge information (block one or more revisions)*</li> </ul>	
	Manually remove merge information (unblock one or more revisions)*	
	Merge Description	
	-f	
< Back Next > Cancel	Use this method to catch-up a feature branch with the changes in trunk or another branch. You a specific set of revisions or all eligible revisions.	ı can merge
< Back Next > Cancel	Use this method to catch-up a feature branch with the changes in trunk or another branch. You a specific set of revisions or all eligible revisions.	i can merge
< Back Next > Cancel	Use this method to catch-up a feature branch with the changes in trunk or another branch. You a specific set of revisions or all eligible revisions.	ו can merge זה 1.5.x+ sen
< Back Next > Cancel	Use this method to catch-up a feature branch with the changes in trunk or another branch. You a specific set of revisions or all eligible revisions.	a can merge on 1.5.x+ serv Cancel
<pre>ge Wizard ect the revisions</pre>	Use this method to catch-up a feature branch with the changes in trunk or another branch. You a specific set of revisions or all eligible revisions.   Perform pre-merge best practices check   Requires Subversit   Requir	a can merge on 1.5.x+ serv Cancel
< Back Next > Cancel ge Wizard ect the revisions	Use this method to catch-up a feature branch with the changes in trunk or another branch. You a specific set of revisions or all eligible revisions.  Perform pre-merge best practices check * Requires Subversit	u can merge on 1.5.x+ sen Cancel
< Back Next > Cancel ge Wizard lect the revisions	Use this method to catch-up a feature branch with the changes in trunk or another branch. You a specific set of revisions or all eligible revisions.  Perform pre-merge best practices check * Requires Subversite  < Back Next >	a can merge on 1.5.x+ ser Cancel
< Back Next > Cancel ge Wizard lect the revisions	Use this method to catch-up a feature branch with the changes in trunk or another branch. You a specific set of revisions or all eligible revisions.  Perform pre-merge best practices check * Requires Subversite	a can merge on 1.5.x+ sen Cancel
< Back Next > Cancel pe Wizard ect the revisions ision Author Date Message 13 admin 2010-04-08 23:45 branch 4 test	Use this method to catch-up a feature branch with the changes in trunk or another branch. You a specific set of revisions or all eligible revisions.  Perform pre-merge best practices check * Requires Subversite	a can merge on 1.5.x+ sen Cancel
< Back Next > Cancel e Wizard ect the revisions ision Author Date Message 13 admin 2010-04-08 23:45 branch 4 test 14 admin 2010-04-08 23:56 add default.aspx	Use this method to catch-up a feature branch with the changes in trunk or another branch. You a specific set of revisions or all eligible revisions.	a can merge on 1.5.x+ sen Cancel
< Back Next > Cancel ge Wizard ect the revisions ision Author Date Message 13 admin 2010-04-08 23:56 branch 4 test 14 admin 2010-04-08 23:56 add default.aspx	Use this method to catch-up a feature branch with the changes in trunk or another branch. You a specific set of revisions or all eligible revisions. Perform pre-merge best practices check * Requires Subversion ( Back Next > )	u can merge on 1.5.x+ sen Cancel
< Back Next > Cancel ge Wizard lect the revisions vision Author Date Message 13 admin 2010-04-08 23:45 branch 4 test 14 admin 2010-04-08 23:56 add default.aspx inged paths: Log message:	Use this method to catch-up a feature branch with the changes in trunk or another branch. You a specific set of revisions or all eligible revisions. Perform pre-merge best practices check * Requires Subversion (* Back Next > )	u can merge on 1.5.x+ sen Cancel
< Back Next > Cancel re Wizard ect the revisions ision Author Date Message 13 admin 2010-04-08 23:45 branch 4 test 14 admin 2010-04-08 23:56 add default.aspx tged paths: on Path Cancel C	Use this method to catch-up a feature branch with the changes in trunk or another branch. You a specific set of revisions or all eligible revisions.  Image: Perform pre-merge best practices check * Requires Subversion Image: Requires Subversion Image: Requires Subversion	u can merge on 1.5.x+ sen Cancel
< Back Next > Cancel  e Wizard  e Wi	Use this method to catch-up a feature branch with the changes in trunk or another branch. You a specific set of revisions or all eligible revisions. Perform pre-merge best practices check * Requires Subversite	a can merge on 1.5.x+ sen Cancel
e Wizard ect the revisions ision Author Date Message 13 admin 2010-04-08 23:45 branch 4 test 14 admin 2010-04-08 23:45 add defaultaspx tged paths: Con Path Con Path Con Path Con Path Con Cytoranches/B4T-201004082343/OneSvnAwa 1 /src/branches/B4T-201004082343/OneSvnAwa 1 /src/branches/B4T-201004082343/OneSvnAwa 1 /src/branches/B4T-201004082343/OneSvnAwa 1 /src/branches/B4T-201004082343/OneSvnAwa	Use this method to catch-up a feature branch with the changes in trunk or another branch. You a specific set of revisions or all eligible revisions. Perform pre-merge best practices check * Requires Subversite	a can merge on 1.5.x+ sen Cancel
< Back	Use this method to catch-up a feature branch with the changes in trunk or another branch. You a specific set of revisions or all eligible revisions. Perform pre-merge best practices check * Requires Subversite	a can merge on 1.5.x+ sen Cancel
< Back	Use this method to catch-up a feature branch with the changes in trunk or another branch. You a specific set of revisions or all eligible revisions. Perform pre-merge best practices check • Requires Subversit	u can merge

< Back Next >

Cancel

# Step.08

# 验证并提交合并后的结果,完成主干版本的合并。

# 合并的结果:

Aerge Results				
Merge Results				
Below are the results of the merge	e you just performed.			
File Statistics Property Statistics				
Updated: 1	Updated: 0	Updated: 0		
Added: 3	Merged 0			
Existed: 0	Conflicted: 0			
Deleted: 0	Resolved: 0			
Merged 0				
Conflicted: 0				
Resolved: 0				
Skipped Directories 0				
Skipped Files: 0				
Changed Path		Content	Properties	
D:\xWorkspace\OneSvn\src\trunk\OneSvnAwa\OneSvnAwa.csproj			Unchanged	
D:\xWorkspace\OneSvn\src\trunk\OneSvnAwa\Default.aspx.designer.cs			Unchanged	
D:\xWorkspace\OneSvn\src\trunk\OneSvnAwa\Default.aspx.cs			Unchanged	
D:\xWorkspace\OneSvn\src\trunk\OneSvnAwa\Default.aspx			Unchanged	
				OK

### 合并过程中冲突时处理方式的选择:

Aerge Wizard	-?X
Select the merge options	AN
Specify the options for the merge process	X
Conflict Handling	
Text Conflicts	
Prompt me for each conflict and let me decide	
Mark each conflict and let me resolve later	
Resolve the conflict using my version of the file	
Resolve the conflict using the repository version of the file	
⑦ Resolve the conflict with the pre-merge base version of the file.	
Binary Conflicts	
Prompt me for each conflict and let me decide	
Mark each conflict and let me resolve later	
Resolve the conflict using my version of the file	
Resolve the conflict using the repository version of the file	
$\ensuremath{\bigcirc}$ Resolve the conflict with the pre-merge base version of the file.	
Merge Options	
Ignore ancestry	
C Allow unversioned obstructions	
Depth: Working copy	
< Back	Next > Cancel

### 查看本地代码可验证:



# 若主干版本通过测试,则可提交,完成合并工作:

Path	Project	Change	Full Path
OneSvnAwa	<none></none>	Properti	D:\xWorkspace\OneSvn\src\trunk\OneSv
OneSvnAwa/Default.aspx	OneSvnA	Copied	D:\xWorkspace\OneSvn\src\trunk\OneSv
OneSvnAwa/Default.aspx.cs	OneSvnA	Copied	D:\xWorkspace\OneSvn\src\trunk\OneSv
OneSvnAwa/Default.aspx.designer.cs	OneSvnA	Copied	D:\xWorkspace\OneSvn\src\trunk\OneSv
OneSvnAwa/OneSvnAwa.csproj	OneSvnA	Modified	D:\xWorkspace\OneSvn\src\trunk\OneSv
•	m		
og Message:			
merge from B4T-20100409			