Getting Started With SharePoint Learning Kit

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1. Getting Started

1.1. About SharePoint Learning Kit

SharePoint Learning Kit (SLK) is a SCORM 2004-conformant e-learning delivery and tracking application built as a SharePoint v3 solution. It works with either Windows SharePoint Services 2007 or SharePoint Portal Server 2007, and has the following core features:

- Supports SCORM 1.2, SCORM 2004, and Class Server content, allowing users to store and manage this content in SharePoint document libraries.
- Supports a learner-centric or instructor-led (assigned) workflow.

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- Allows assignment, tracking and grading of both e-learning and non-e-learning content.

Please see the release notes for more information.

1.1.1. System Requirements

SharePoint Learning Kit requires:
- Windows 2003, configured as an application server
- Windows SharePoint Services 2007
- SQL Server 2005

1.2. About This Document

This document is intended to help you get started running SLK. It assumes that you have some knowledge and ability to install and maintain server software such as Windows Server 2003 and SQL Server 2005. We recommend that you follow these steps as closely as possible the first time you install and configure so that you get an idea of what's involved. Once you have run through the process once, you can try different configurations to get a feel for the range of possibilities in deploying and using SLK.

Note: This document configures SLK on a single server. Configuration in a Server Farm environment is slightly different and more complex. Complete farm configuration is outside the scope of this document, but we have collected some tips on configuring SLK in a farm configuration in Section 6.

1.3. For More Information

Note: We are creating a distribution list to send information about SLK to those who are interested. We will not use this list for anything other than SLK information. If you're interested in joining the list, please send mail to slkfb@microsoft.com. Similarly, if you'd like to remove yourself from the list, you can just let us know any time at slkfb@microsoft.com and we'll remove you.

For more information about the design of SLK and features that are coming in future releases, please see the specifications in the SLK-SourceCode-1.0.[build]-ENU.zip package, available at http://www.codeplex.com/Release/ProjectReleases.aspx?ProjectName=SLK.

You can also ask questions or post feedback at http://www.codeplex.com/Project/ListForums.aspx?ProjectName=SLK.

More information on SharePoint deployment and configuration can be found at http://www.microsoft.com/downloads/details.aspx?FamilyId=5E4C222A-03A1-435A-A075-E47A28C9D6B8&displaylang=en

2. Upgrading an Existing SLK Installation

If you've installed a previous SLK CTP release, follow these steps to upgrade it to the current release:

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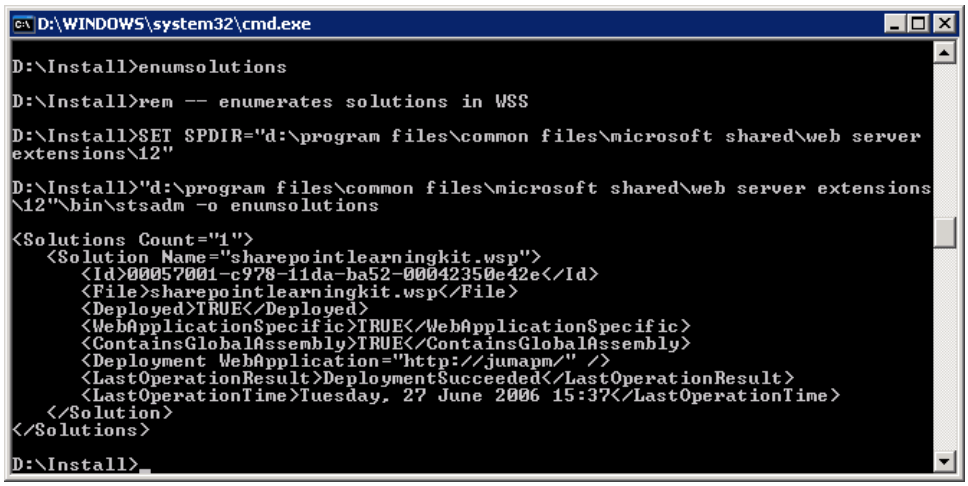
2.1. Upgrade the SLK Solution

Note: SharePoint Learning Kit comes with several command files to assist you in adding and deploying the solution. These command files assume that your install location for SharePoint is the c: drive, and that http://localhost is accessible for the stsadm command. If this is not the case, edit the SharePoint Learning Kit command files to change the install drive, and replace 'localhost' with the fully-qualified domain name of your server or server farm.

Upgrade SharePoint Learning Kit as follows:

1. Copy the Install directory from the SLK drop to your install drive. The rest of this example assumes you've copied it to c:\Install
2. Click Start → Run
3. Type 'cmd', and then click OK
4. Type 'cd \Install', Enter
5. Type 'UpgradeSolution', Enter
6. To verify that the solution upgraded successfully, type 'EnumSolutions', Enter. You should see a block of XML with <Solution Name="sharepointlearningkit.wsp"> containing <LastOperationResult>DeploymentSucceeded</LastOperationResult>. If deployment is still pending, wait a minute or so and try EnumSolutions again.



Although instructions assume c:, this figure was taken from an installation on d:

Note: If deployment fails, you can often determine the cause by reviewing the latest .log file in the WSS LOGS directory (typically "C:\Program Files\Common Files\Microsoft Shared\web server extensions\12\LOGS"). Regardless of the reason, you must cancel the deployment job before you can try again. To cancel a deployment job, go to SharePoint Central Administration, Operations, Timer Job Definitions, click on the deployment job, and click "Delete".

2.2. Delete the SLK Database and Temp Folder, and Re-Configure your Site Collections

Note: This step is only required if there has been a schema change between this release and the previous release. Check the release notes to determine whether deleting your database is necessary.

To delete the SLK database:

1. Start → All Programs → Microsoft SQL Server 2005, SQL Server Management Studio

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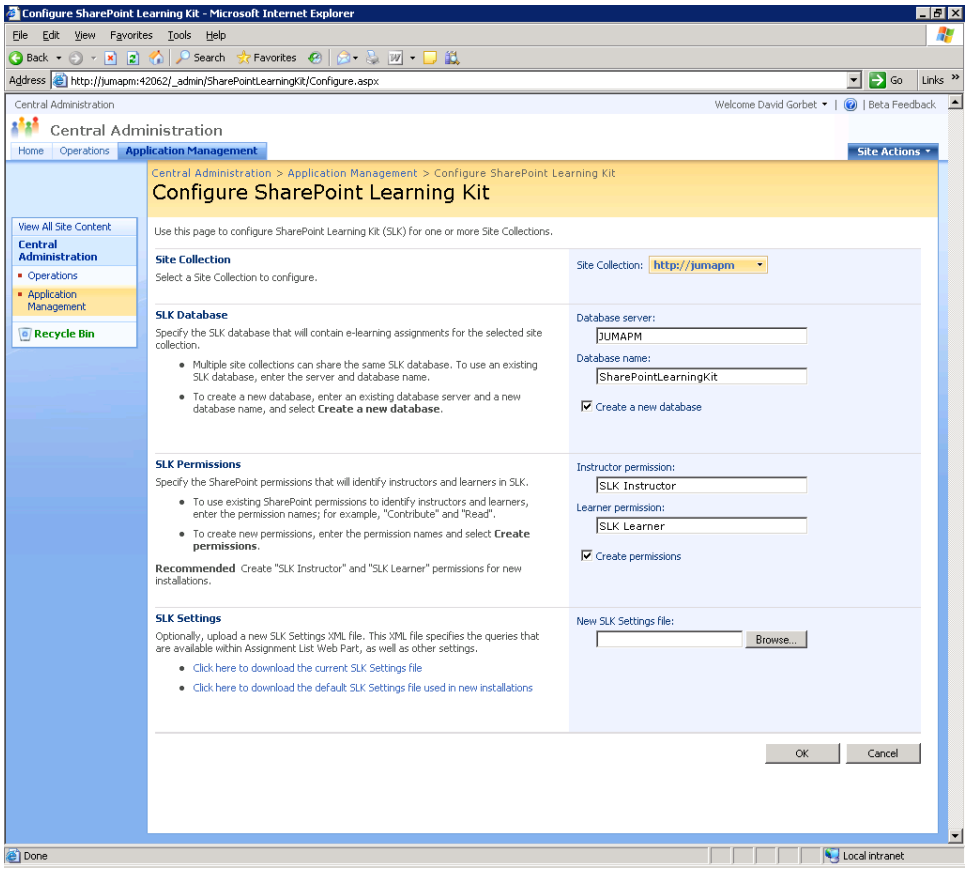
2. Connect to the Database Engine: For Server name, choose the default SQL instance (it should have the same name as your computer)
3. Under Databases, right-click SharePointLearningKit, and then click Delete
4. In Delete Object, check Close existing connections, and then click OK
5. Click Start → Run
6. Type 'cmd', and then click OK
7. Type 'iisreset', Enter

To delete the SLK temp folder:

1. Start → Run
2. Type '%windir%\temp', and then click OK
3. Delete the 'SLK_PC' folder

To Re-Configure your Site Collections:

1. Start → Control Panel → Administrative Tools → SharePoint 3.0 Central Administration
2. Click Application Management
3. Under SharePoint Learning Kit Configuration, click Configure SharePoint Learning Kit



4. In the Site Collection dropdown, choose the Site Collection you want to configure, and then click OK.
5. If you have more than one Site Collection to configure, click Configure another Site Collection on the configuration confirmation page.

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3. Installing SLK for the First Time

This document assumes you will be installing SLK on a single server, running the Windows Server 2003 operating system. It also assumes you have a licensed copy of SQL Server 2005 that you can install on the server.

Note: A trial version of SQL Server 2005 is available at http://www.microsoft.com/sql/downloads/trial-software.mspx

3.1. Preparing for Installation

SLK requires Windows Server 2003. These installation instructions assume you have a version of Windows Server 2003 that is capable of being an application server and of running SQL Server 2005. The instructions were tested on Windows Server 2003 Enterprise Edition.

3.1.1. Install all Critical Updates

Go to Windows Update and install all critical updates.

3.1.2. Configure Windows as an Application Server

From Start → Control Panel → Administrative Tools → Manage Your Server:

1. Click Add or remove a role
2. In Preliminary Steps, click Next
3. In Server Role, select Application server (IIS, ASP.NET), and then click Next
4. Ensure that FrontPage Server Extensions is unchecked and Enable ASP.NET is checked, and then click Next
5. In Summary of Selections, click Next
6. After installation completes, click Finish

Note: If you already have .NET Framework 2.0 installed prior to installing IIS, you may need to install ASP.NET 2.0 separately. To do this:

1. Click Start → Run
2. Type 'cmd', and then click OK
3. Type '%windir%\Microsoft.NET\Framework\v2.0.50727\aspnet_regiis.exe -i', and then Enter

3.1.3. Install .NET Framework 3.0

1. Install .NET Framework 3.0 from http://www.microsoft.com/downloads/details.aspx?FamilyId=10CC340B-F857-4A14-83F5-25634C3BF043&displaylang=en
2. Install any critical updates from Windows Update.

3.1.4. Install SQL Server 2005

Note: You can use any edition of SQL Server 2005, including the Express Edition, however some editions do not include the workstation components, and instructions for installing Express Edition may differ from the instructions below. A trial version of SQL Server 2005 is available at http://www.microsoft.com/sql/downloads/trial-software.mspx

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Install SQL Server 2005 with the following options:

- In Components to Install, check SQL Server Database Services and Workstation components
- In Instance Name, choose Default instance
- In Service Account, choose Use the built-in System account, and choose Network service
- In Authentication Mode, choose Windows Authentication Mode

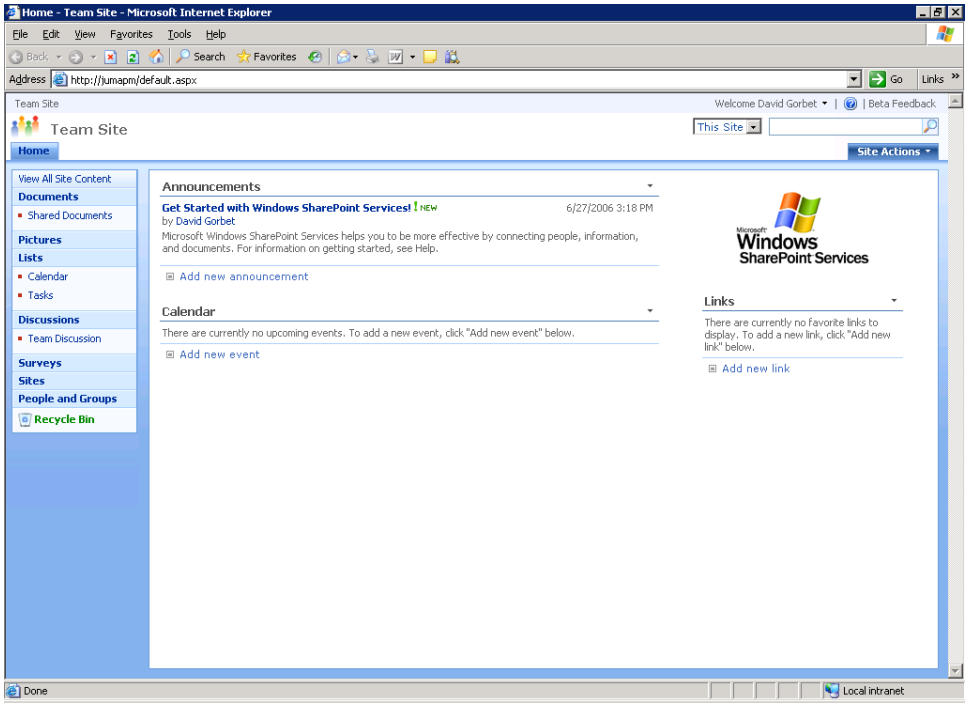
After SQL Server 2005 is installed, install SP1 from http://www.microsoft.com/downloads/details.aspx?familyid=cb6c71ea-d649-47ff-9176-e7cac58fd4bc&displaylang=en

Reboot if required.

3.1.5. Install Windows SharePoint Services 3.0

1. Install WSS 3.0 from http://www.microsoft.com/technet/windowsserver/sharepoint/download.mspx.
2. When asked to choose the installation you want, click Basic.
3. When installation is complete, ensure that 'Run the SharePoint Products and Technologies Configuration Wizard now' is checked, and then click Close.
4. Run through the configuration wizard, and then click Finish.

At this point, you should see a SharePoint Team Site, located at the root of your default Web Application (e.g. http://<machinename>). For the remainder of this document, when you see "navigate to your SharePoint site," this is the site to navigate to.



3.1.6. Double-Check Critical Updates

Go to Windows Update and install all critical updates.

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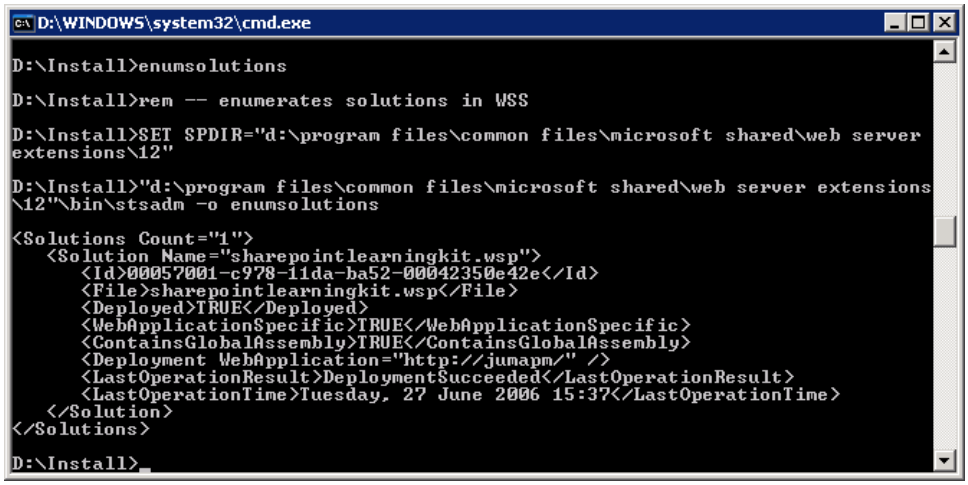
3.2. Installing and Configuring SLK

3.2.1. Add and Deploy the SharePoint Learning Kit Solution

Note: SharePoint Learning Kit comes with several command files to assist you in adding and deploying the solution. These command files assume that your install location for SharePoint is the c: drive, and that http://localhost is accessible for the stsadm command. If this is not the case, edit the SharePoint Learning Kit command files to change the install drive, and replace 'localhost' with the fully-qualified domain name of your server or server farm.

Add and deploy SharePoint Learning Kit as follows:

1. Copy the Install directory from the SLK drop to your install drive. The rest of this example assumes you've copied it to c:\Install
2. Click Start → Run
3. Type 'cmd', and then click OK
4. Type 'cd \Install', Enter
5. Type 'AddSolution', Enter
6. Type 'DeploySolution', Enter. Note that SharePoint solution deployment is asynchronous, so the solution may not be deployed immediately.
7. To verify that the solution deployed successfully, type 'EnumSolutions', Enter. You should see a block of XML with <Solution Name="sharepointlearningkit.wsp"> containing <LastOperationResult>DeploymentSucceeded</LastOperationResult>. If deployment is still pending, wait a minute or so and try EnumSolutions again.



Although instructions assume c:, this figure was taken from an installation on d:

Note: If deployment fails, you can often determine the cause by reviewing the latest .log file in the WSS LOGS directory (typically "C:\Program Files\Common Files\Microsoft Shared\web server extensions\12\LOGS"). Regardless of the reason, you must cancel the deployment job before you can try again. To cancel a deployment job, go to SharePoint Central Administration, Operations, Timer Job Definitions, click on the deployment job, and click "Delete".

8. When you see DeploymentSucceeded, Type 'UpdateSolutionNavigation', Enter

3.2.2. Configure SLK

Note: The SharePoint Learning Kit Configuration page requires javascript. If you have Internet Explorer Enhanced Security Configuration enabled, you may need to disable it or enable javascript in order to successfully configure SharePoint Learning Kit.

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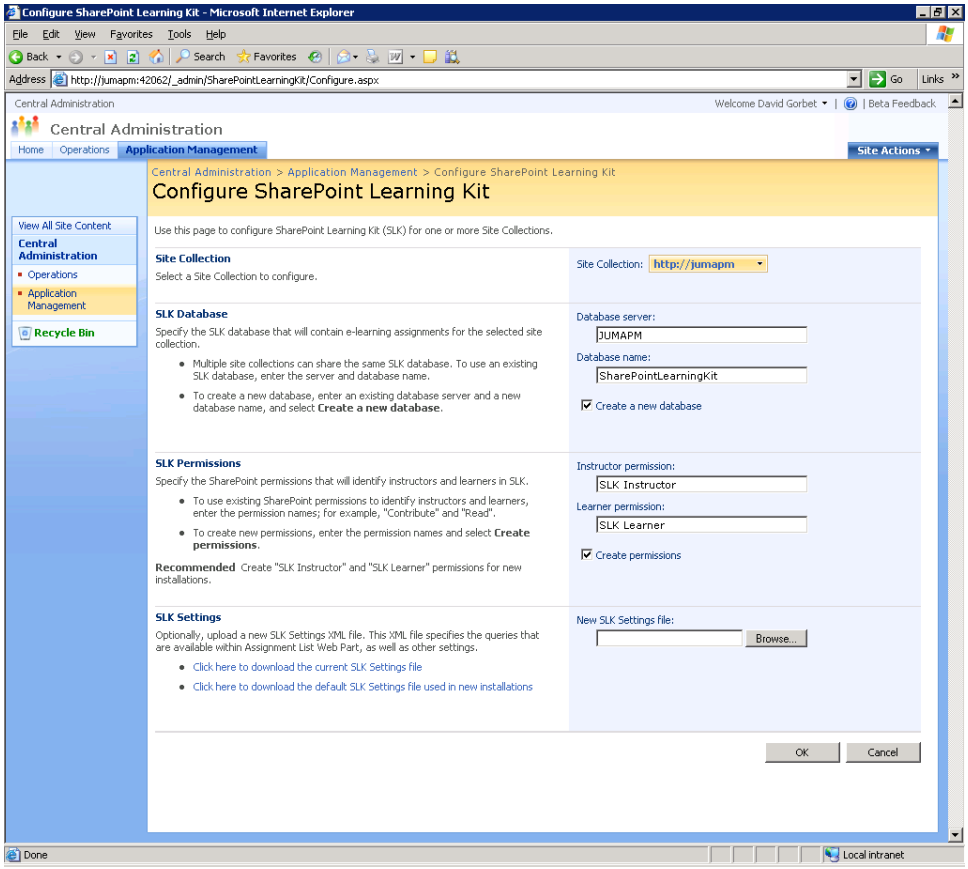
Note: If you are using SQL Server 2005 Express Edition, you must append your instance name to the database server name. By default the instance name for SQL Express Edition is 'sqlexpress' so in the example below, the database server name would be 'JUMAPM\sqlexpress'.

SharePoint Learning Kit must be configured once for each site collection that you want to enable for e-learning. You configure SLK through the SharePoint Central Administration Web site:

1. Start → Control Panel → Administrative Tools → SharePoint 3.0 Central Administration
2. Click Application Management
3. Under SharePoint Learning Kit Configuration, click Configure SharePoint Learning Kit



4. Click OK to accept the default configuration parameters.

Note: In some cases, the default Site Collection refers to the wrong site. In this case, you will have to change it to point to the root of your SharePoint Site.

3.2.3. Enable the SharePoint Learning Kit Feature

Note: Do not enable SLK in SharePoint Central Administration. SLK must be enabled on the site on which it is to be used.

SharePoint Learning Kit has two main access points:

- You can assign documents from SharePoint document libraries by clicking the 'E-Learning Actions' menu item.
- You can manage your assignments with the SLK Assignment List Web Part.

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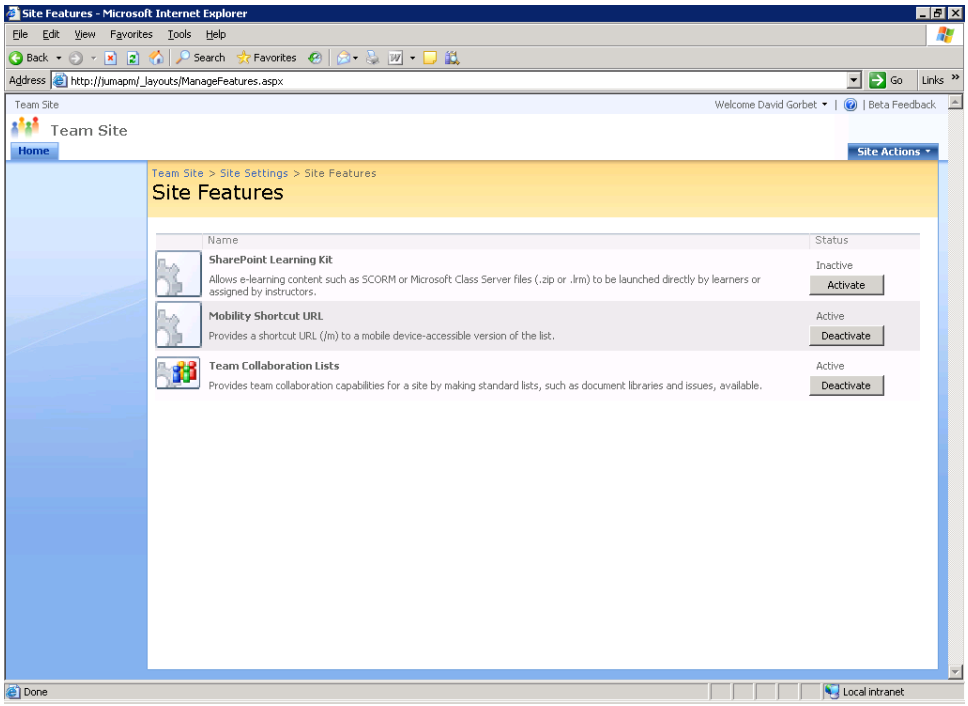
To enable creation of assignments from a document library, you must activate the SharePoint Learning Kit feature on the SharePoint site containing the document library. To do this:

1. Navigate to your SharePoint site
2. On the Site Actions menu, click Site Settings
3. Under Site Administration, click Site features
4. Beside SharePoint Learning Kit, click Activate



To add the SLK Assignment List Web Part to the Web Part Gallery:

1. Navigate to your SharePoint site
2. On the Site Actions menu, click Site Settings
3. Under Galleries, click Web parts

Note: If you don't see this option, you may not be on the top-level site. Click 'Go to top level site settings' under Site Collection Administration to get there.

4. Click New
5. Check 'Microsoft.SharePointLearningKit.WebParts.AssignmentListWebPart', and then click Populate Gallery

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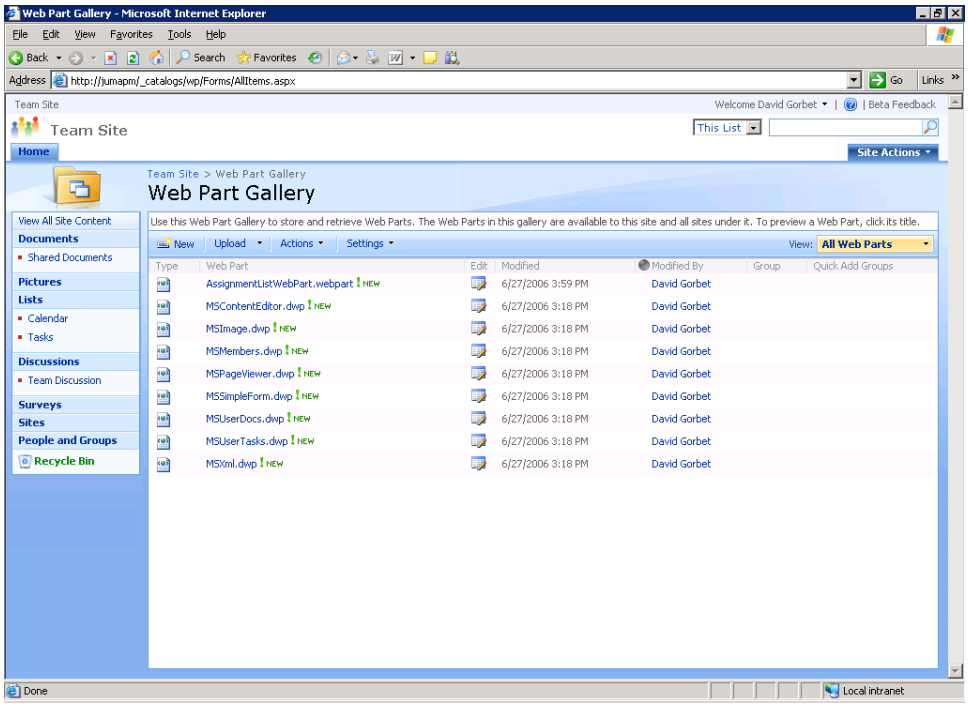
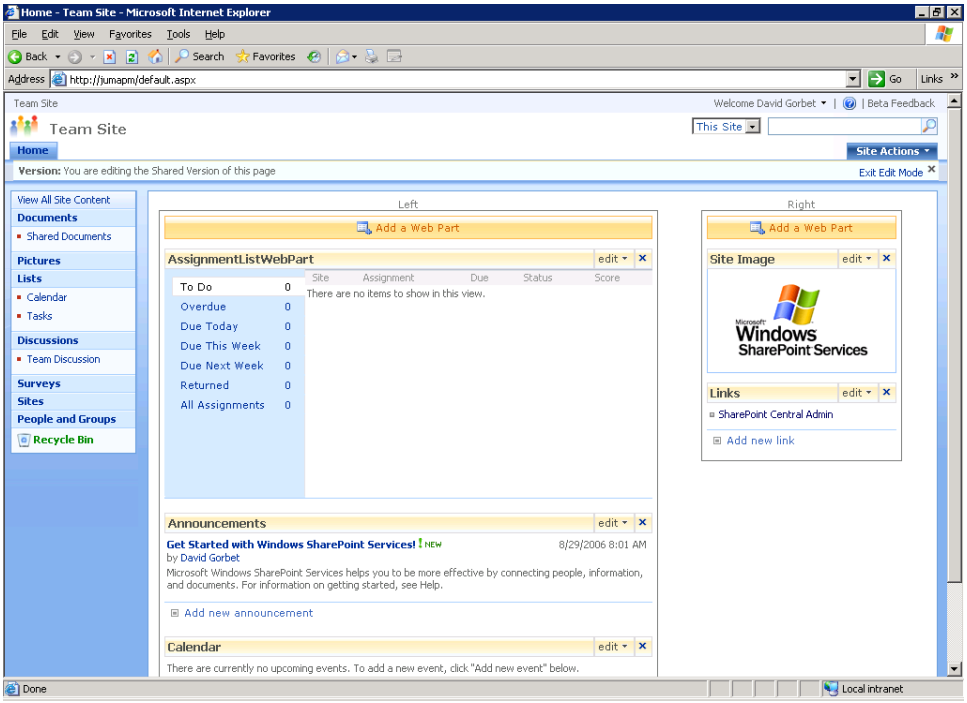


6. Next to AssignmentListWebPart.webpart, click the Edit icon.
7. Change Title to My Assignments, and then click OK.

To add the SLK Assignment List Web Part to a site:

1. Navigate to your SharePoint site
2. On the Site Actions menu, click Edit Page
3. In the Left Web Part Zone, click Add a Web Part
4. Select My Assignments, and then click Add



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Note: Previous builds of SLK required that you add certain rights to the SLK Instructor permission at this point. This is no longer necessary.

3.2.4. Turn Versioning On

SLK stores assignment data in its own database, but references content from document libraries in SharePoint. To prevent content from getting out of sync, we recommend that you turn on versioning:

1. Navigate to your SharePoint site
2. In the left pane, click Shared Documents
3. On the Settings menu, click Document Library Settings
4. Under General Settings, click Versioning settings
5. Under Document Version History, click Create major versions, and then click OK

4. Using SharePoint Learning Kit

The following steps take you through a scenario using SharePoint Learning Kit. First we will create two users, an instructor and a learner. Then the instructor will upload some content and assign it to the learner. The learner will then interact with the content and submit it for grading. The instructor will then grade the assignment and return it, and the learner will review it.

4.1. Create sample user accounts, and add them to SharePoint

Create machine accounts for Ellen Adams (instructor) and Jeff Hay (learner):

1. Start → Run
2. Type 'compmgmt.msc', and then click OK
3. In Local Users and Groups, click Users
4. On the Action menu, click New User…
5. In User name, type 'EllenAdams'
6. In Password, type 'Iloveslk!'
7. In Confirm password, type 'Iloveslk!'
8. Uncheck User must change password at next logon
9. Click Create
10. In User name, type 'JeffHay
11. In Password, type 'Iloveslk!'
12. In Confirm password, type 'Iloveslk!'
13. Uncheck User must change password at next logon
14. Click Create, and then click Close

Add these two users to SharePoint:

1. Navigate to your SharePoint site
2. In the left pane, click People and Groups, and then click All People
3. On the New menu, click Add Users
4. In Users, type 'EllenAdams'
5. Click Give users permission directly
6. Check Contribute and SLK Instructor, and then click OK
7. On the New menu, click Add Users
8. In Users, type 'JeffHay
9. Click Give users permission directly
10. Check Read and SLK Learner, and then click OK

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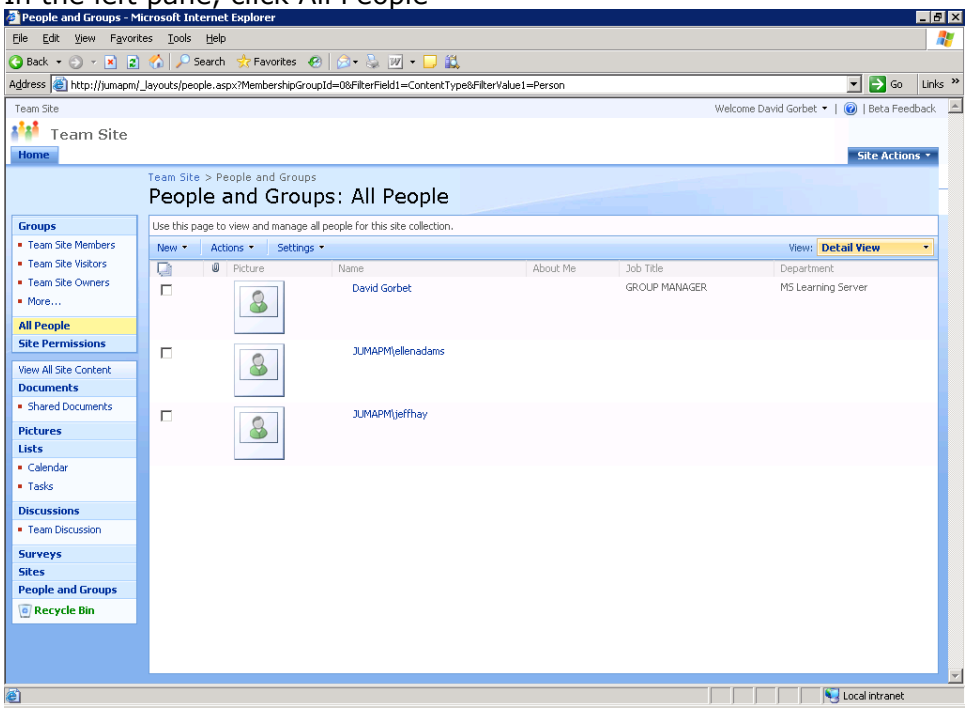
Note: By default, the SLK Learner and SLK Instructor permissions do not grant any rights on your SharePoint sites. This is why you must give these users Read or Contribute permissions in addition to the SLK Learner and SLK Instructor permissions. You can change this by assigning rights to these permissions.

Edit the users' names to make them more readable:

1. In the left pane, click All People



2. Click the Name link for EllenAdams
3. Click Edit Item
4. Change the Name to 'Ellen Adams', and then click OK
5. Click the Name link for JeffHay
6. Click Edit Item
7. Change the Name to 'Jeff Hay', and then click OK

4.2. Upload and Assign Sample Content

Log in as Ellen Adams:

1. Navigate to your SharePoint site
2. On the Welcome menu, click Sign in as Different User

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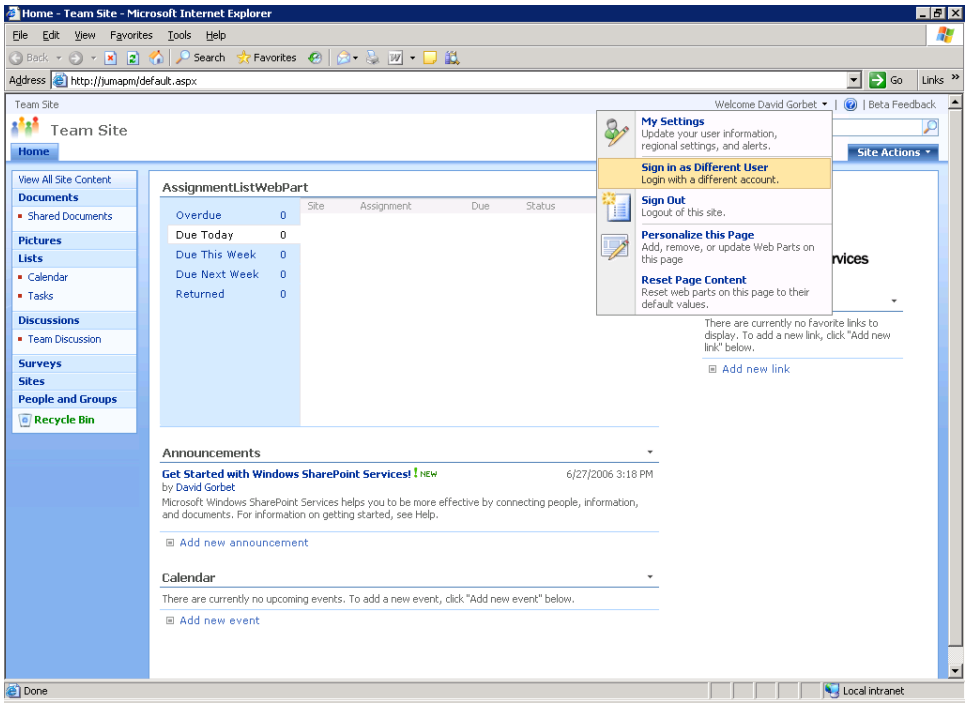


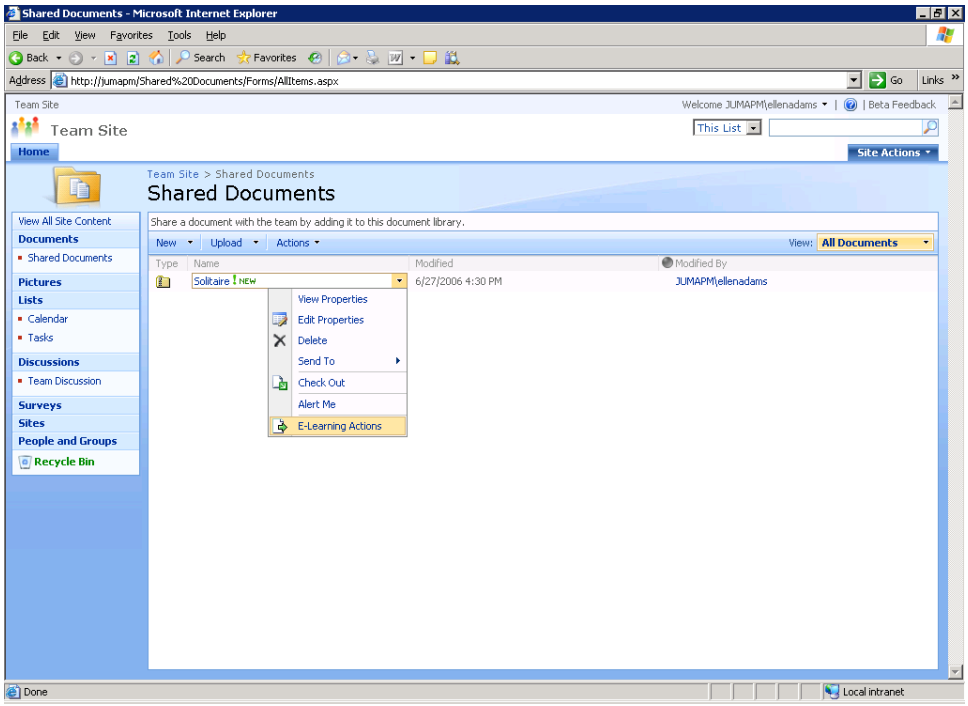
3. Sign in as EllenAdams, password 'Iloveslk!'

Upload the sample content:

1. In the left pane, click Shared Documents
2. Click Upload, and then browse for 'c:\Install\Samples\Solitaire.zip'
3. Click OK

Assign the sample content:

1. On the Solitaire.zip context menu, click E-Learning Actions



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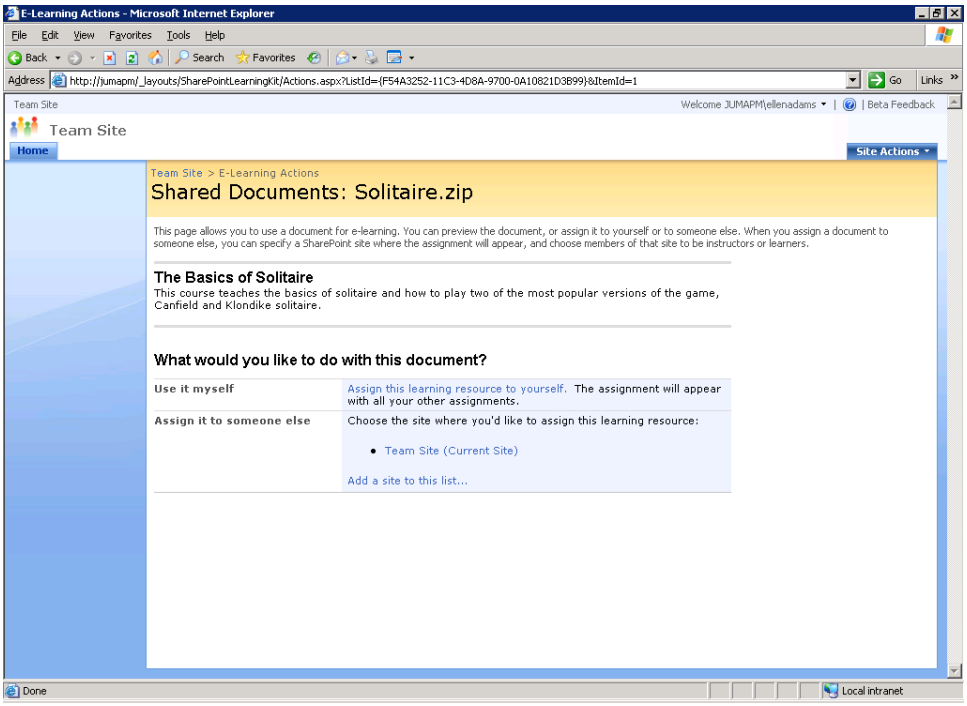
Note: E-Learning Actions appears in all document libraries on sites where the SharePoint Learning Kit feature has been activated. It does not appear on sites where the SharePoint Learning Kit feature has not been activated. To activate the feature, see Section 3.2.3.

2. On the E-Learning Actions page, in Assign it to someone else, click Team Site (Current Site)



3. On the Create an Assignment page, under Learners, check Jeff Hay and then click OK.

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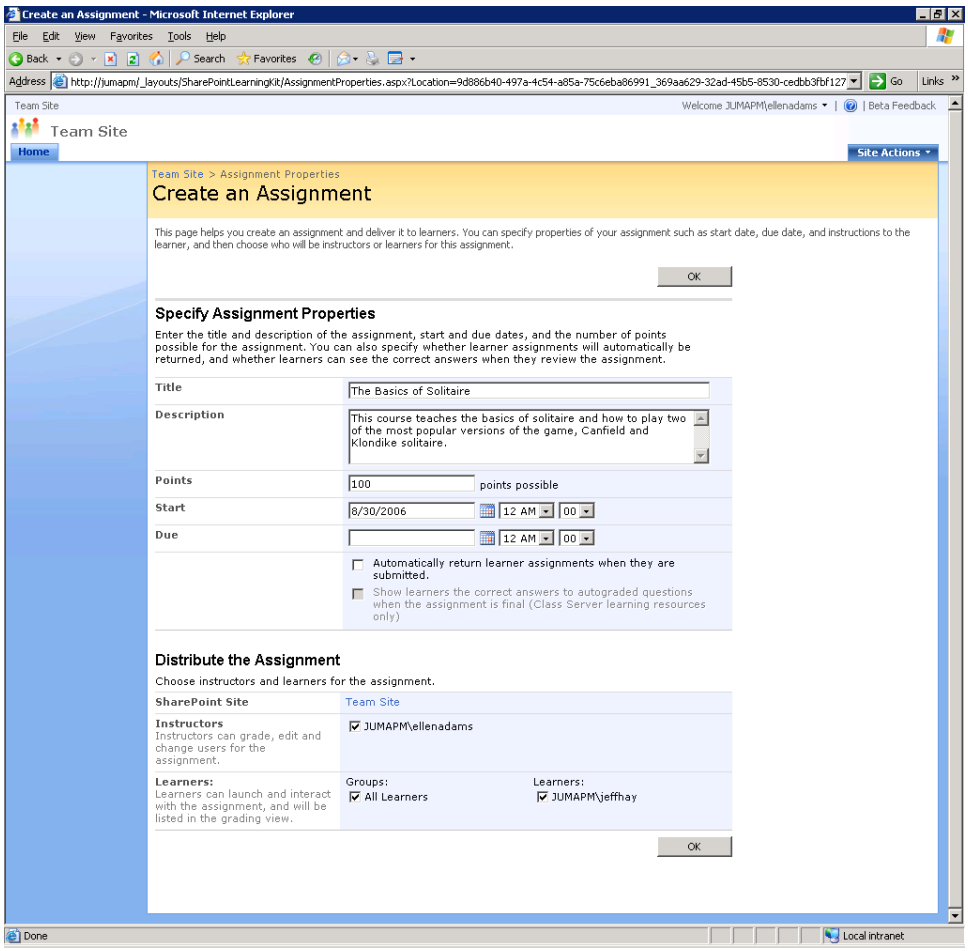
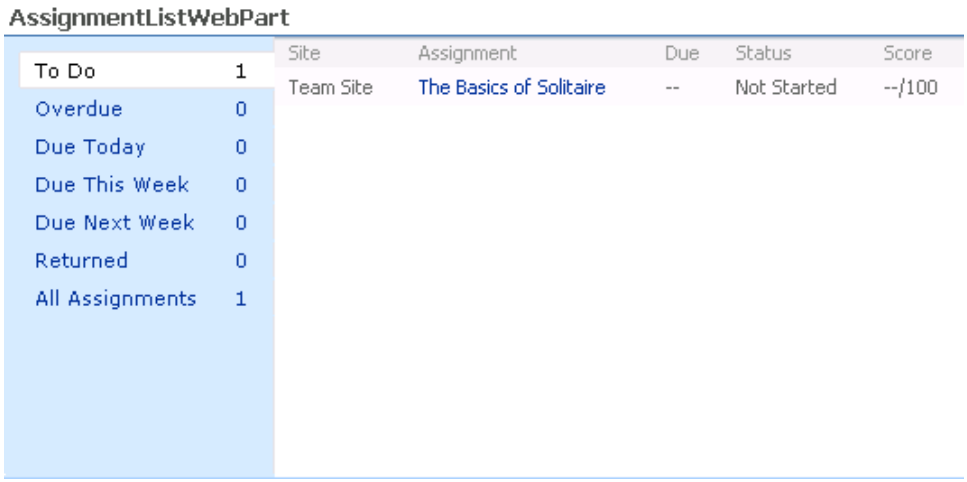


4.3. Submit the Assignment

Access the assignment as a learner:

1. Navigate to your SharePoint site
2. On the Welcome menu, click Sign in as Different User
3. Sign in as JeffHay, password 'Iloveslk!'. You should see the assignment you just created in the Assignment List Web Part



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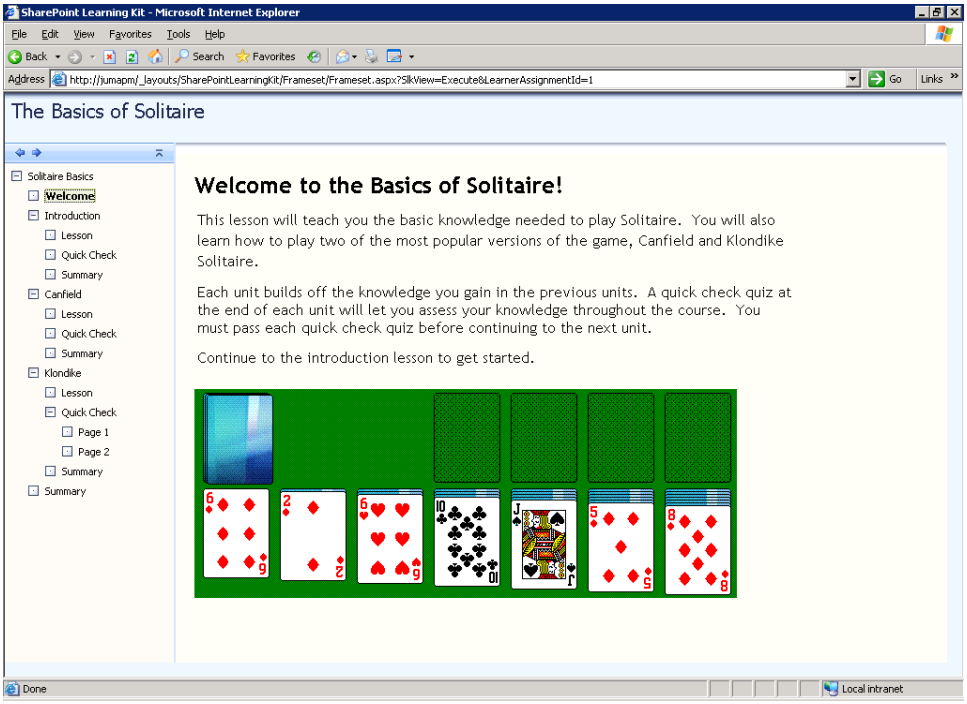
Note: If you don't see the assignment in the Due Today query, look in Due This Week or Due Next Week (depending on when you're assigning)

4. Click the assignment title
5. On the Begin Assignment page, click Begin Assignment. The frameset will appear with the assignment content



Note: This content is designed to illustrate the sequencing and navigation behavior of SCORM 2004. You must enter answers to the questions in each section's quiz and click Check Answers before moving on to the next section. The correct answers are indicated in the question. Note that after you click Check Answers, your responses remain in the quiz even if you navigate away from that page or close the browser. Note also that if you close the browser and then resume the assignment, it will open to the last page you were on. These are some of the features of SCORM 2004, but because the content controls these features, the user experience with SCORM content will depend largely on the content itself.

6. Complete enough of the assignment to get a grade (e.g. answer a few questions correctly, a few incorrectly, or all correctly as you prefer). In this content, you must click "Check Answers" to record your answers to questions.
7. Close the frameset. If you clicked "Finish Lesson" on the final summary, notice that your assignment has been submitted. If you didn't, you can submit it by clicking "Submit" on the Resume Assignment page.

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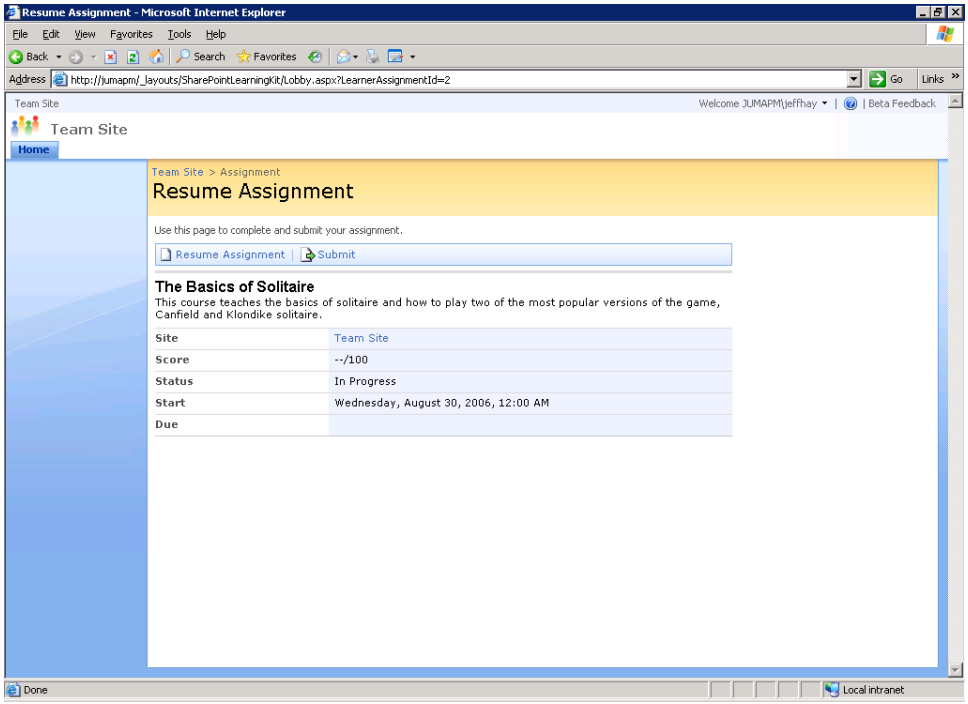

Note: Once you've submitted your assignment, notice that you cannot view it. Even though it has been autograded, you don't see the score until the instructor returns it.

4.4. Grade the Assignment

Access the assignment as an instructor:

1. Navigate to your SharePoint site
2. On the Welcome menu, click Sign in as Different User
3. Sign in as EllenAdams, password 'Iloveslk!' You should see the assignment ready to grade in the Assignment List Web Part

4. Click the assignment title to access the Grading page

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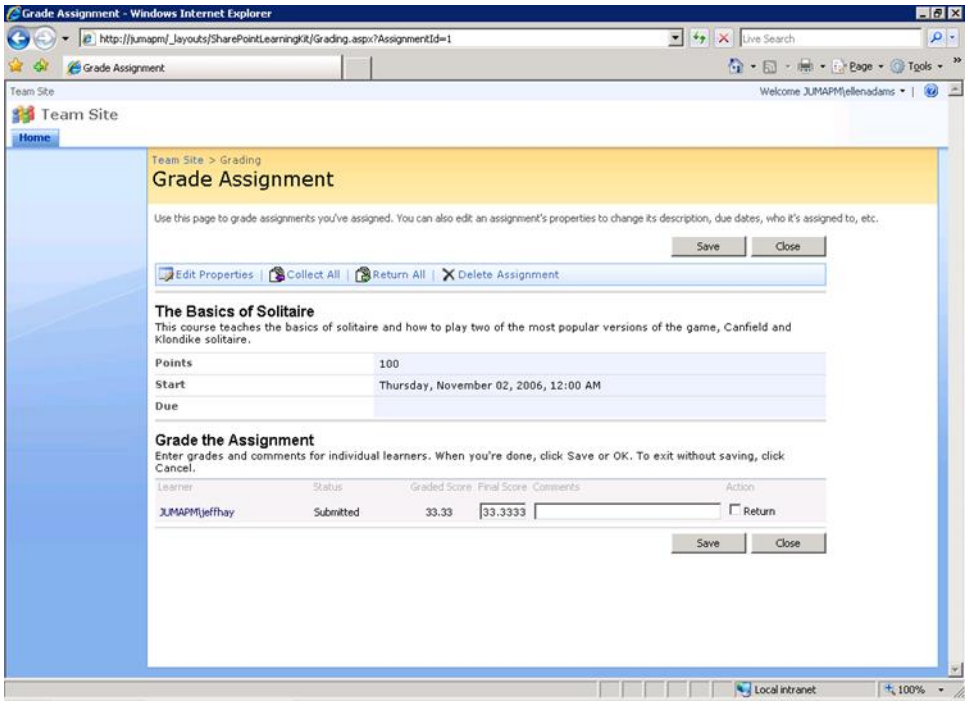

From the Grading page, you can do many administrative tasks such as deleting the assignment, editing its properties (for e.g. to change the date, or add or remove a learner), and assigning grades.

Click on Jeff Hay's name in the grading chart. This will bring up his assignment. In this view, the SCORM rules that determine which page can be viewed are disabled, so that the instructor can view all pages in an assignment. Viewing a quiz page shows Jeff's answers. Although some content (including Solitaire) will let you modify answers, SLK will not allow these modifications to be saved. For Class Server content, this view allows the teacher to see learner responses and grade individual questions inside the content. If you make changes in Class Server content, be sure to click the Save icon before closing the frameset.

5. Add a comment in the comments box for Jeff Hay, check "Return", and then click Save

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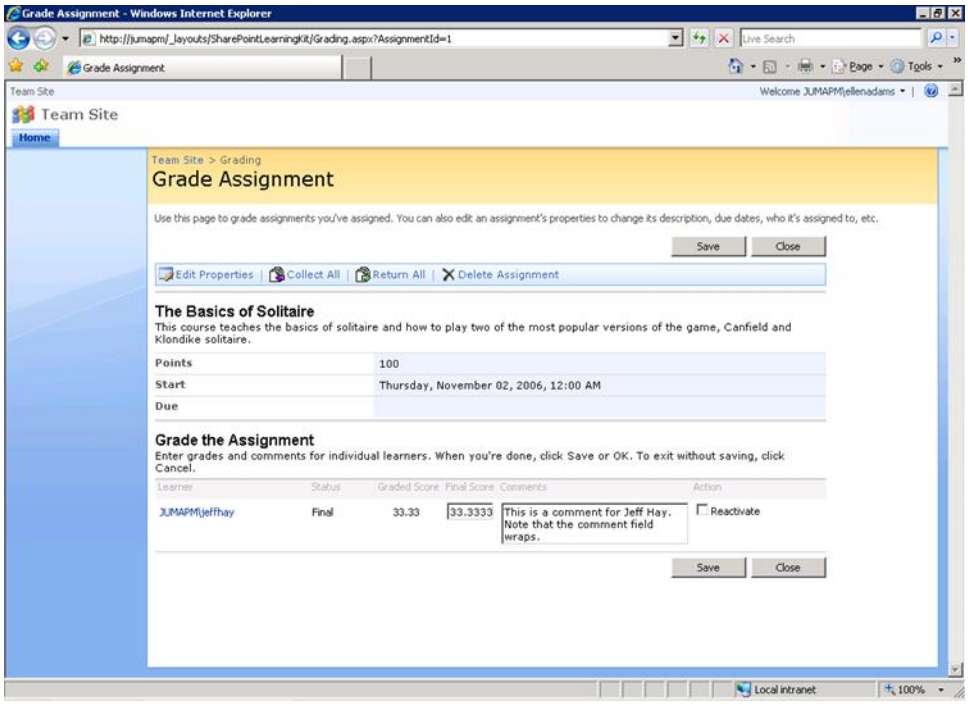
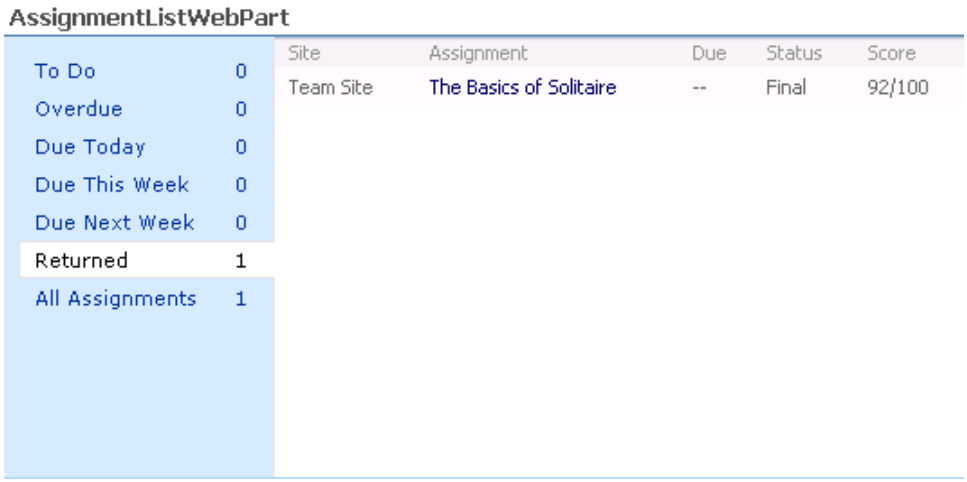


Notice that the State has now advanced to "Final" and the assignment has been returned.

4.5. View the Returned Assignment

Access the assignment as a learner:

1. Navigate to your SharePoint site
2. On the Welcome menu, click Sign in as Different User
3. Sign in as JeffHay, password 'Iloveslk!'
4. Click Returned in the summary portion of the Web Part. You should see the assignment.



5. Click the assignment title

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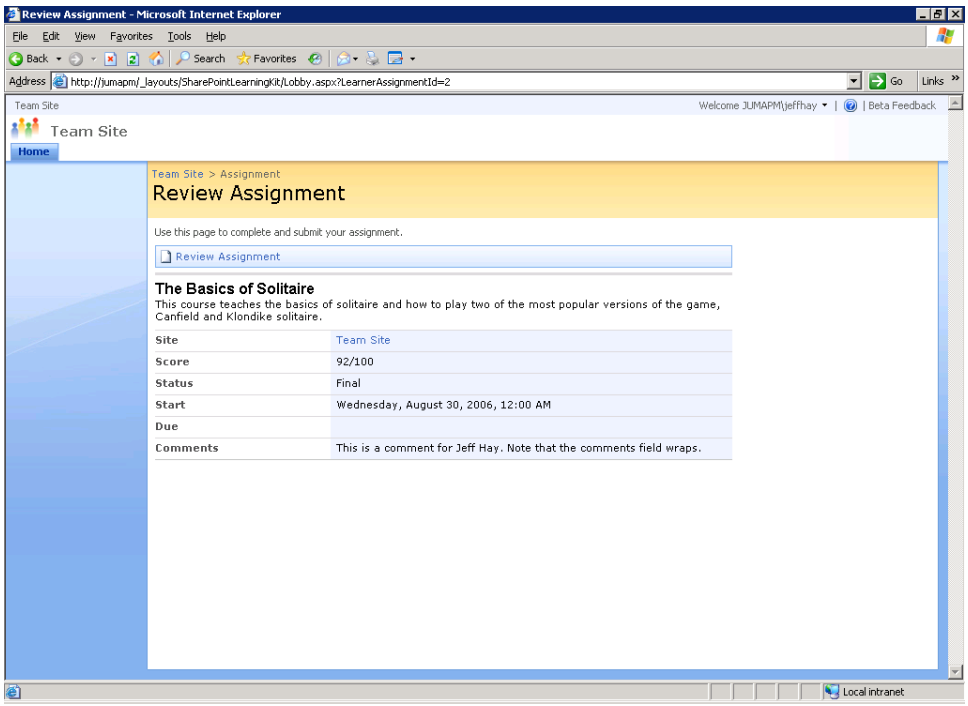

Note that since the assignment has been returned, you can see your final score. Note also that comments are displayed. Comments are displayed to the learner on this page if they exist regardless of assignment state, so instructors can use this comments field even before a learner has submitted an assignment to provide more specific instruction to that particular learner.

6. Click Review Assignment. The frameset will appear with the assignment content in "review" view
7. Navigate to a quiz. Note that in the Solitaire content, questions are disabled in "review" view. In other SCORM content, questions may remain enabled if the content does not explicitly support "review" view. In this case, learners may change answers, but SLK will prevent these changes from being stored in the database.

4.6. You're Done! (for now…)

Congratulations! You've just experienced the SLK assignment workflow. There's much more to the product to explore. Try some of the following:

- Create a SharePoint group, give that group the learner permissions, and assign to the group.
- Access the document library as a learner, click E-Learning Actions, and assign the content to yourself.
- Assign different types of content.
- Try assigning content to different sites (on the Actions page, click Add a site to this list).
- Try configuring the Web Part properties of the Assignment List Web Part.
- Try creating new site collections and associating them with different databases.
- If you're really intrepid, try editing the slksettings.xml file. You can download your current settings and upload your changes on the Configuration page.

Send feedback to the community by posting your comments at http://www.codeplex.com/Project/ListForums.aspx?ProjectName=SLK.

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We are also building an email distribution list for announcements regarding SLK. If you'd like to join this list, send us an email at slkfb@microsoft.com.

5. Uninstalling SharePoint Learning Kit

To uninstall, you should first deactivate SharePoint Learning Kit on sites where it has been activated:

1. Navigate to your SharePoint site
2. On the Site Actions menu, click Site Settings
3. Under Site Administration, click Site features
4. Beside SharePoint Learning Kit, click Deactivate
5. Click Deactivate this feature to confirm

This removes the E-Learning Actions menu item from the document library context menu.

Now retract and delete the solution:

1. Click Start → Run
2. Type 'cmd', and then click OK
3. Type 'cd \Install', Enter
4. Type 'RetractSolution', Enter. Note that this operation is asynchronous, so the solution may not be retracted immediately.
5. To verify that the solution retracted successfully, type 'EnumSolutions', Enter. You should see a block of XML with <Solution Name="sharepointlearningkit.wsp"> containing <LastOperationResult>RetractionSucceeded</LastOperationResult>. If retraction is still pending, wait a minute or so and try EnumSolutions again.
6. Type 'DeleteSolution', Enter

Delete the SLK database:

1. Start → All Programs → Microsoft SQL Server 2005 → SQL Server Management Studio
2. Connect to the Database Engine: For Server name, choose the default SQL instance (it should have the same name as your computer)
3. Under Databases, right-click SharePointLearningKit, and then click Delete
4. In Delete Object, click Close existing connections, and then click OK
5. Click Start → Run
6. Type 'cmd', and then click OK
7. Type 'iisreset', Enter

Note: These uninstall instructions do not remove the Assignment List Web Part from the Web Part gallery or from any pages where it was added.

6. Farm Configuration

Note: Complete farm configuration is outside the scope of this document, but we have collected some tips on configuring SLK in a farm configuration in this section.

Things to ensure:

- In a farm configuration, the SharePoint application pool must be a domain account (not a local machine account or built-in system account).
- When adding and deploying SLK on a server farm, you cannot use the helper command files as-provided. These files all assume that SLK is being installed to 'localhost'. Instead, you

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should use the files as guidance regarding what SharePoint commands are required to add and deploy solutions, or you can edit the command files to refer to your server farm.
- The SLK Configuration Page uses the application pool credentials to create the SLK database. This will fail if the SharePoint application pool account does not have dbcreator permissions on the database server. If you don't want to give the application pool account dbcreator permissions, you can use the 'slkadm' command-line tool (in the install package) to configure SLK. The slkadm tool runs using the signed-in user's credentials, so in this case your account must have the dbcreate role. For help with the slkadm tool, type 'slkadm' with no parameters.
- When you configure SharePoint Learning Kit, ensure that you specify the correct database server. Also, if the server you're using is not the default instance of SQL, you must specify the instance name as well. For example, if your server is called 'MYSERVER', and your instance is 'myinstance', then the 'Database server' entry on the configuration page should be 'MYSERVER\myinstance'.

Issues with solution deployment:
- In some cases, solution deployment succeeds, yet the SLK configuration page is not accessible from SharePoint Central Administration. In this case, the SharePoint command 'stsadm -o scanforfeatures' can be used to update SharePoint's solution store.

7. Document History

Date	Changes Made
8/8/2006	CTP2 Updates: • Added system requirements • Added section on upgrading an existing SLK installation • Changed Windows Communication Foundation re-requisite to a Windows Workflow Foundation pre-requisite, since that's the minimum that's required (Bug #487) • Noted that if deployment fails, you can replace 'localhost' with the FQDN, and that might solve the problem (Bug #643). Also noted how to cancel deployment if it fails so that you can re-deploy. • Noted that sometimes the default site collection in Config is wrong (can sometimes default to SharePoint Central Admin) • Noted that SLK has to be enabled on the site on which it is to be used, not in Central Admin. Also noted this in the section on assigning content. (Bug #687) • Clarified that Rights are added to permissions by clicking on the permission name, not the checkbox next to it, and included a screenshot showing which rights to include (Bug #485) • Changed uninstall instructions around deleting the database to ensure that you close connections, and iisreset after the database has been deleted. • Made other minor wording changes. • Noted that signing in as a teacher will display an error in CTP2. • Compressed pictures to make the file smaller.
8/30/2006	CTP3 Updates: • Created slkfb alias and noted in the More Information section that you can send us an email to get on our mailing list. • Specified specific locations for downloading specs and posting discussion questions, and added a link to SharePoint deployment docs. • Explicitly specified which site was intended when the doc says "Navigate to your SharePoint site," and added instructions in certain places for what to do if you end up at the wrong site (Bug #838).

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	• Updated screenshots (Bug #757). • Updated the use scenario to include submitting, grading, and returning the assignment. • Added suggestions for other things to try. • Removed "When new CTP releases are available…" verbiage from the uninstall section, since you don't need to uninstall to upgrade to a new CTP. • Noted that uninstall instructions leave the ALWP in the Web Part Gallery and on any pages where it was added (Bug #758). • Saved the file with history but without revision marks, as revision marks were confusing people. • Changed Status to Stable. • Added note that if you create instructor or learner groups, you should set "who can view them" to "Everyone" so that they can be enumerated by instructors who are not in the group (Bug #884). • Changed –i to -i in the installing ASP.NET section so that you can copy/paste it into the command window.
11/2/2006	Beta 1 Updates: • Clarified that you can use any edition of SQL. • Updated instructions for WSS installation to a slipstream installation of Beta 2 Technical Refresh. • Added steps to change the Assignment List Web Part title. • Removed instructions for adding rights to SLK Instructors since they are no longer needed. • Updated description of Solitaire interactions to reflect the changes to the Solitaire sample. • Updated grading page screenshots to reflect OK/Cancel → Save/Close change. • Changed review description to reflect removal of temporary page and implementation of the review feature. • Removed requirement that group membership be visible to everyone, as this is no longer required in the product. • Added instructions for downloading slksettings.xml from the config page, since that's implemented now.
11/3/2006	Final updates for Beta 1: • Specified that you need to choose the default SQL instance when connecting to the database to delete the SLK DB. • Changed suggested way to access SharePoint Central Admin to go through Control Panel, since that seems likely to be more broadly applicable. • Minor typos and cleanup.
11/6/2006	One more update for Beta 1: • In Grading Review view, unless the content prevents it, changes that the teacher makes to learner answers actually do get saved to the learner's data model.
11/7/2006	Backed out change from 11/6 for post-Beta 1
11/27/2006	A few changes: • Noted that instructions for installing SQL may not apply to Express Edition. • Moved note about manual install of ASP.NET 2.0 to the "Application Server" section so that people don't skip it accidentally if they already have .NET 2.0 installed. • Noted that the instance name for SQL Express may be different, and that you have to append it to the server name for configuration to work. • Noted that configuration requires javascript, and that if you have IE Enhanced Security turned on, it may not work as expected. • Added Farm config section, with some info on 'stsadm -o scanforfeatures'

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12/5/2006	Updated for RTM: • Changed WSS install instructions for released bits. Removed .NET 2.0 instructions and added instructions for .NET 3.0, since WSS is no longer dependant on .NET 2.0 for install. • Noted that you can use any edition of SQL Server, but that the instructions refer to Enterprise Edition. • Noted that SLK permissions don't come with any rights. • Added steps to edit user names to make them more readable. • Added list of considerations when installing on a farm. • Other minor edits.
12/5/2006	• Removed references to Beta and Alpha code.
12/14/2006	• Added instructions for deleting the temp folder when upgrading.

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