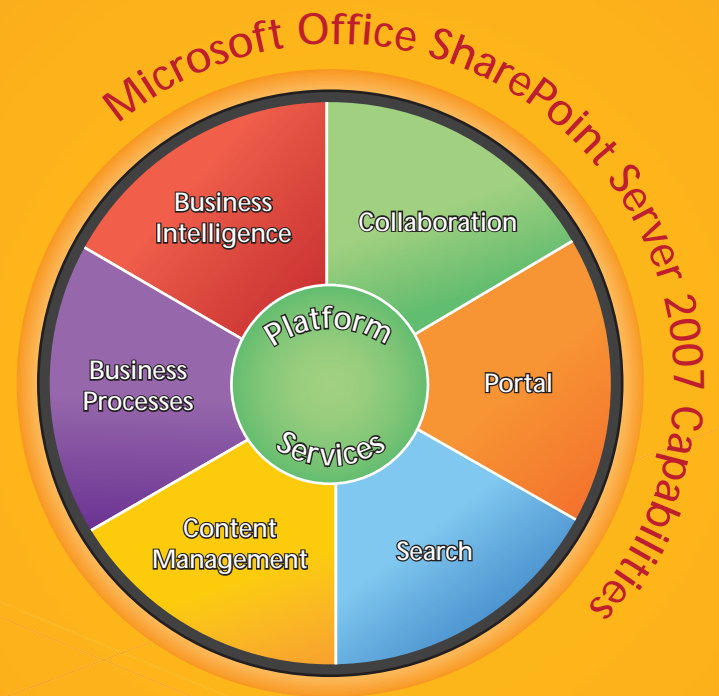


# SHAREPOINT RAMP UP FOR IT PROFESSIONALS

Microsoft Office SharePoint Server 2007 provides a single, integrated location where employees can efficiently collaborate with team members, find organizational resources, search for experts and corporate information, manage content and workflow, and leverage business insight to make better-informed decisions.

Your organization can use Microsoft Office SharePoint Server 2007 to facilitate collaboration, provide content management features, implement business processes, and supply access to information that is essential to organizational goals and processes.

You can quickly create SharePoint sites that support specific needs. You can also conduct effective searches for people, documents, and data, participate in forms-driven business processes, and access and analyze large amounts of business data.



## GETTING STARTED

**1 Download** A trial version of SharePoint Server 2007. (<http://go.microsoft.com/?linkid=8981462>). We recommend installing on Windows Server 2008.

**2 Take a look at the Evaluation guide** for Office SharePoint Server 2007 (<http://go.microsoft.com/?linkid=8981463>)

**3 Get the Microsoft Office SharePoint Server 2007 Technical Resource DVD.** You can order it online. (<http://go.microsoft.com/?linkid=8981464>)

The DVD contains a wealth of information on SharePoint Server 2007, including a virtual machine, presentations from Microsoft events, WSS 3.0 and MOSS 2007 SDKs, customer solution briefs, product information, technical documentation and much more.

## GET TRAINED

**1 Online courses** - A great starting place is to take an online course. We offer the following E-Learning collections for IT Professionals:

- **Implementing Microsoft Office SharePoint Server 2007** (<http://go.microsoft.com/?linkid=8981465>)
- **Implementing Microsoft Windows SharePoint Services 3.0** (<http://go.microsoft.com/?linkid=8981466>)
- **More IT Professional E-Learning for Microsoft Office** (<https://www.microsoftlearning.com/catalog/itpro.aspx#SharePoint>)

**2 Classroom Training** - Certified Trainers are offering a variety of SharePoint instructor led classes for IT Professionals. You can start with the first 2 classes and move on to the next level with the Advanced Content classes.

- **5061 - Implementing Microsoft Office SharePoint Server 2007** (<http://www.microsoft.com/learning/syllabi/en-us/5061aFinal.msp>)
- **5060 - Implementing Windows SharePoint Services 3.0** (<http://www.microsoft.com/learning/syllabi/en-us/5060Afinal.msp>)

## READ DOCUMENTATION

**1 SharePoint TechCenter** (<http://technet.microsoft.com/en-us/office/sharepointserver/default.aspx>)

**2 Download and print the SharePoint Deployment Guide and Checklists** (<http://go.microsoft.com/fwlink/?LinkId=108286&clcid=0x409>) that provides the "cliff notes" to deployment.

## READ BOOKS

Here are some **books** (<http://www.microsoft.com/sharepoint/learning/books.mspx>) on SharePoint. There are plenty more available at the online book stores so make your own choice.

- Microsoft Office SharePoint Server 2007 administrator's companion
- Microsoft SharePoint products and technologies administrator's pocket consultant

## GET HANDS ON EXPERIENCE

- 1** Go through the 30+ SharePoint 2007 Hands-On Labs (<http://go.microsoft.com/?linkid=8981467>)
- 2** Try online SharePoint Virtual Labs for IT Professionals (<http://www.microsoft.com/sharepoint/learning/virtual.mspx>)

## GET CERTIFIED – TAKE AN EXAM

There is SharePoint IT Professional certification for both WSS and MOSS.

- **Exam 70-630: TS: Office SharePoint Server 2007, Configuring (for IT Pros)** (<http://www.microsoft.com/learning/en/us/exams/70-630.mspx>)
- **Exam 70-631: TS: Configuring Windows SharePoint Services 3.0 (for IT Pros)** (<http://www.microsoft.com/learning/exams/70-631.mspx>)

## GET CONNECTED WITH THE SHAREPOINT COMMUNITY

- 1** Join the Discussion and Ask Questions on the TechNet Forums
  - **Setup, Upgrade, Administration and Operation** (<http://forums.microsoft.com/TechNet/ShowForum.aspx?ForumID=1201&SiteID=17>)
  - **Design and Customization** (<http://forums.microsoft.com/TechNet/ShowForum.aspx?ForumID=1202&SiteID=17>)
- 2** Go to SharePoint Community Portal (<http://MSSharePointCommunity.com>) for pointers to popular blogs, newsgroups and sites.
- 3** Subscribe to the SharePoint team blog (<http://MSSharePointTeamBlog.com>)
- 4** Take a look at the SharePoint Community Kit on CodePlex (<http://www.codeplex.com/CKS>)

## ADVANCE TO THE NEXT LEVEL

Once you mastered the fundamentals you can get to the next level:

- 1** Learn a selection of advanced IT Pro topics (<http://technet.microsoft.com/en-us/library/cc299032.aspx>) by watching recorded presentations and by reading comprehensive white papers that support the presentations.
- 2** Take advanced classes offered by certified trainers:
  - **Advanced ITPro for MOSS/WSS (5 days)** (<http://www.microsoft.com/learning/syllabi/en-us/50047AFinal.mspx>)
  - **Architecting Search (2 days)** (<http://www.microsoft.com/learning/syllabi/en-us/50048AFinal.mspx>)
  - **Architecting ECM (2 days)** (<http://www.microsoft.com/learning/syllabi/en-us/50050AFinal.mspx>)
  - **Architecting Portal & Collab (2 days)** (<http://www.microsoft.com/learning/syllabi/en-us/50051AFinal.mspx>)
  - **Architecting Internet Publishing Site (2 days)** (<http://www.microsoft.com/learning/syllabi/en-us/50049AFinal.mspx>)

**Note:** All manuals and presentations are available on (<http://www.msbbpio.com/>)

We also offer some of the advanced classes through **SharePoint Academy** (<http://www.microsoftsharepointacademy.com/>) as instructor - led virtual training environment.

## CHECK OUT MORE ONLINE RESOURCES

- 1** Find more learning resources on SharePoint Learning Page (<http://www.microsoft.com/sharepoint/learning/default.mspx>)
- 2** Find more resources on SharePointPedia (<http://SharePointPedia.com>) and on the SharePoint Learning Resources Tool (<http://sharepoint.microsoft.com/readiness>)
- 3** Check out GEAR Up (<http://sharepoint.microsoft.com/gearup>): an online content tool that inserts adoption in the broad context of phases in SharePoint implementations.

# SHAREPOINT RAMP UP FOR DEVELOPERS

SharePoint Products and Technologies provides an extensible solution platform for the professional .NET developer. With its wide array of built-in features and application hosting using well known .NET development tools and technologies, it offers a manageable and scalable server platform that employs the benefits of the 2007 Microsoft Office system client for hosting applications on an internal or Internet Web site.

The .NET developer creates Web-based solutions by using the Web development platform of ASP.NET. ASP.NET allows you to build Web-based solutions using managed code. The ASP.NET framework also provides new Web platform capabilities, features, and enhancements such as master pages, Web part controls, and data source controls.

Marrying the advantages and power of both platforms, with the release of the 2007 Microsoft Office system, Microsoft provides technologies and products such as Windows SharePoint Services 3.0 and Microsoft Office SharePoint Server 2007 that are built on top of ASP.NET 2.0. Now you, the professional .NET developer can use your knowledge of .NET technologies to develop on the SharePoint platform to create a new set of Web solutions.

SharePoint Products and Technologies offer additional overall benefits to .NET developers.

## Highlights of these benefits include the following:

- A familiar development environment for .NET developers.
- Built-in features that developers can extend.
- The best integrated server for Office applications.
- The foundation for a wide variety of Intranet or Internet applications.

## GO ON A TRAINING COURSE

This is a great way to kickstart your learning since there is lots to learn and if you're starting a new SharePoint project as a .NET developer you can get good value from spending a week or so learning. Here are some example SharePoint training courses that are available.

### Microsoft Certified Partners for Learning Solutions - Advanced SharePoint 2007 Development -

<http://go.microsoft.com/?linkid=8989183>

### AppDev - FREE Sample Microsoft SharePoint 2007 for Developers Training CD -

<http://go.microsoft.com/?linkid=8989182>

### MindSharp - Developers Guide to Windows SharePoint Services

<http://go.microsoft.com/?linkid=8989181>

### Ted Pattison Group - The Great SharePoint Adventure -

<http://go.microsoft.com/?linkid=8989180>

## GET CERTIFIED - TAKE AN EXAM

There is SharePoint developer certification for both WSS and MOSS.

### 70-541 TS: Microsoft Windows SharePoint Services 3.0 - Application Development -

<http://www.microsoft.com/learning/en/us/exams/70-541.msp>

### 70-542 TS: Microsoft Office SharePoint Server 2007 - Application Development -

<http://www.microsoft.com/learning/en/us/exams/70-542.msp>

## GETTING STARTED AS A SHAREPOINT DEVELOPER

How do I get started working as a Professional Developer on SharePoint? Here's a brief outline of the options.

First you need to have prerequisite skills in .NET Development and in particular ASP.NET Development. SharePoint is built on those technologies and most everything you do in SharePoint is using .NET and ASP.NET with additional functionality, and additional API's.

## JOIN THE DISCUSSION AND ASK QUESTIONS ON THE MSDN FORUMS

This is a great place to search for answers, or to ask questions yourself, or to answer other people's questions. The SharePoint Developer and Programming forum is pretty active.

### SharePoint Development and Programming Forum

<http://MSSharePointForums.com>

## ONLINE MICROSOFT ELEARNING TRAINING - FREE FOR A LIMITED TIME

A great easy starting place is to take an online course.

### WSS Development -

<https://www.microsoftlearning.com/eLearning/courseDetail.aspx?courseid=61917>

### MOSS Development -

<https://www.microsoftlearning.com/eLearning/courseDetail.aspx?courseid=61966>

## READ BOOKS

Here's some great books on SharePoint development both from MS Press. There are plenty more available on SharePoint Development at the online book stores so you can make your own choice.

### Inside Windows SharePoint Services 3.0 -

<http://www.microsoft.com/mspress/books/9692.aspx>

### Inside Microsoft Office SharePoint Server 2007 -

<http://www.microsoft.com/MSPress/books/10472.aspx>

## READ DOCUMENTATION

Spend time on MSDN. There are separate sections for WSS and MOSS so you need to go to both.

**For WSS** - <http://msdn.microsoft.com/sharepoint>  
(<http://msdn.microsoft.com/en-us/sharepoint/default.aspx>)

**For MOSS** - <http://msdn.microsoft.com/en-us/office/aa905503.aspx>

## TRY OUT HANDS ON LABS

There is a set of 10 Hands on Labs for .NET Developers online at <http://MSSharePointDeveloper.com>

## WRITE YOUR FIRST SHAREPOINT PROGRAM

**To write SharePoint code you need:**

- 1 SharePoint installed on your local development machine and this means you need to run Windows Server 2003 or Windows Server 2008. VPCs are available here - <http://technet.microsoft.com/en-us/bb738372.aspx>. There is a SharePoint one <http://go.microsoft.com/?linkid=8989184>, or you can get a base image and add WSS <http://go.microsoft.com/?linkid=8989185> or MOSS <http://go.microsoft.com/?linkid=8989186> to it.
- 2 **Get Visual Studio 2005 Professional** (<http://msdn.microsoft.com/en-us/vstudio/products/default.aspx>) or above, **the Visual Studio 2005 extensions for Windows SharePoint Services 3.0, v1.1** <http://go.microsoft.com/?linkid=8989187> and the **Visual Studio 2005 extensions for Windows Workflow Foundation** <http://go.microsoft.com/?linkid=8989188> (Visual Studio 2008 support is planned for June 2008).
- 3 **Get the WSS SDK** <http://go.microsoft.com/?linkid=8989189> and the **MOSS SDK** <http://go.microsoft.com/?linkid=8989190>. They are also available online for **WSS** (<http://msdn.microsoft.com/en-us/library/bb264594.aspx>) and **MOSS** (<http://msdn.microsoft.com/en-us/library/bb693438.aspx>).
- 4 Start Visual Studio on your Windows Server machine that has SharePoint installed and create a new Windows Console Application. Yes there are SharePoint project templates, but I'm going for a fast first SharePoint program here and we don't need them yet.
- 5 If you are on Windows Server 2008 then make sure you started Visual Studio by right click and run as administrator.

- 6 Add a reference to Microsoft.SharePoint.dll (shown in references as Windows SharePoint Services)
- 7 Add a using Microsoft.SharePoint

**Add this code:**

```
static void Main(string[] args)
{
    // Update to your server name
    using (SPSite siteCollection = new SPSite("http://localhost"))
    {
        SPWebCollection site = siteCollection.AllWebs;
        foreach (SPWeb web in site)
        {
            try
            {
                SPListCollection lists = web.Lists;
                Console.WriteLine("Site: {0} Lists: {1}",
                    web.Name, lists.Count.ToString());
                foreach (SPList list in lists)
                {
                    Console.WriteLine("List: {0} {1}",
                        list.Title, list.ID.ToString());
                }
            }
            //catch (Exception)
            //{
            //    // handle
            //    throw;
            //}
            finally
            {
                web.Dispose();
            }
        }
    }
    // dispose is called on site as a result of using()
    Console.WriteLine("Press ENTER to continue");
    Console.ReadLine();
}
```

- 8 Run it with F5

**This is all also described in the WSS SDK**

(<http://msdn.microsoft.com/en-us/library/ms438026.aspx>).

## WATCH WEBCASTS

**For WSS** (the basic SharePoint API stuff) **there are many on MSDN under Getting Started** (<http://msdn.microsoft.com/en-us/sharepoint/aa905691.aspx>) and **under Learn** (<http://msdn.microsoft.com/en-us/sharepoint/aa905692.aspx>). **For MOSS there's also Getting Started** (<http://msdn.microsoft.com/en-us/office/aa905504.aspx>) and **Learn** (<http://msdn.microsoft.com/en-us/office/cc351025.aspx>) **material.**