# Getting Started with Kobe

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# What is Kobe?

Kobe is a “getting started” resource kit on planning, architecting, and implementing Web 2.0 applications and services using the Microsoft Platform.

# Target Audience

The target audiences for this resource kit are business/technology decision makers, solution architects, and developers in the aspiring web startups community and in enterprises/businesses looking to invest in new Web 2.0 application/service development projects. The kit contains a broad range of content that caters to the needs of these audiences.

The drill down implementation related artifacts for the sample solution included in the kit is targeted at solution architects and developers who are familiar with the Microsoft Platform and ASP.NET, and who are looking for information on ways to apply the broader Microsoft platform offerings in the context of architecting and implementing Web 2.0 applications & services.

Audiences not familiar with the Microsoft Platform will also find value in the platform/technology agnostic content that covers the planning and architecting aspects , and in the implementation artifacts to obtain a broad overview/feel of the related Microsoft platform/technology offerings.

# Setting up the Kobe Kit

Setting up the Kobe kit is simple. You need to download and extract the Kobe Kit Resources (listed on the [Kobe Kit MSDN page](http://msdnworking.redmond.corp.microsoft.com/en-us/architecture/bb194897.aspx)) to your local file system to setup and start exploring the kit.

Create a folder at the root of your hard drive to store the Kobe kit artifacts. You can name this folder whatever you want, and it will be referred to as the <Kobe Kit Folder> in this document.

Download and extract the following resources (all packaged as ZIP files) directly under the <Kobe Kit Folder>:

|  |  |  |
| --- | --- | --- |
| Resource | On extraction | Contents |
| Presentations | Creates a folder named Presentations | PowerPoint decks (with slide notes) on Planning, Architecting, and Implementing Web 2.0 Services |
| Documents | Creates a folder named Documents | Project overview and drill down documents |
| Projects | Creates a folder named Projects | Source projects |
| Project Resources and Images | Creates a folder named Store | Images used by the sample service.  Copy the contents of this folder to the **<Kobe Kit Folder>\Projects\Kobe\Kobe.Web.UI\Store** folder |

Note: If your <Kobe kit folder> is C:\Kobe, then extract the contents of each of the above listed ZIP files directly to this location. Make sure to remove the auto-generated folder name under the <Kobe kit folder> in the file extraction UI to avoid creating nested folders like C:\Kobe\Presentations\Presentations etc.

# Exploring the Kobe Kit

It is recommended that you explore the content in the following sequence:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Artifact(s) | Content Type | Audience | Location | |
| Voice over presentations | Voice over Presentation | Decision Makers, Solution Architects | | [Kobe MSDN page](http://msdnworking.redmond.corp.microsoft.com/en-us/architecture/bb194897.aspx) |
| Project Kobe Overview  White Paper | White Paper | Decision Makers, Solution Architects | | <Kobe Kit Folder>\Documents |
| Project Kobe Implementation Drill Down  White Paper | White Paper | Solution Architects, Developers | | <Kobe Kit Folder>\Documents |
| Planet PPT Sample Service | Sample Service Implementation  with source code | Solution Architects, Developers | | <Kobe Kit Folder>\Projects\Kobe |

# Exploring the Sample Service

The Kobe kit includes a fully functional sample service called Planet PPT. The goal of the sample is to provide solution architects and developers a meaningful sample project (with source) that can be explored to drill in and learn about implementing web 2.0 applications and services on the Microsoft Web Platform. The sample service is packaged to enable a simple deployment experience on a developer workstation.

Note: The goal of the sample service is to serve as a developer example that illustrates the implementation of Web 2.0 applications and services on the Microsoft Web Platform. It is not intended to be a production scale solution. Users are encouraged to apply the concepts and practices illustrated in the sample service, in their custom projects.

## Supported Operating Systems

Microsoft Windows Vista

Microsoft Windows Server 2008

Microsoft Windows XP with Service Pack 2 or higher

Microsoft Windows Server 2003

## Installing the Microsoft Web Platform Pre-requisites

The [Microsoft Web Platform Installer](http://www.microsoft.com/web/channel/products/WebPlatformInstaller.aspx) can be used to install & configure the Microsoft Web Platform pre-requisites required to explore/run the Planet PPT Sample Service implementation. You can launch the installer from the link provided above, choose the custom installation mode, and select the following components from the **All** tab of the installer UI to setup and configure the required web platform components on a developer workstation (Note: You only need to install the components that you do not already have installed):

|  |  |
| --- | --- |
| Category | Component(s) |
| Common HTTP Features | Static Content  Default Document  Directory Browse  HTTP Errors  HTTP Redirection |
| Application Development | ASP.NET .NET Extensibility |
| Security | All |
| Performance | Static Content Compression |
| Management | IIS Management Console |
| WAS | All |
| Deployment and Publishing | Web Deployment Tool Beta 2 |
| .NET Framework Extensions | .NET Framework 3.5 Service Pack 1  ASP.NET MVC Release Candidate 1 |
| SQL | SQL Express 2008 |
| Developer Tools | Visual Web Developer 2008 Express with SP1  SilverLight Tools for Visual Studio |

## Exploring the Planet PPT Sample Service

With the pre-requisites in place, you can open and F5 (build/run) the Kobe.sln solution (located in the **Projects\Kobe** folder of the resource kit) in Visual Studio Web Developer 2008 Express or a higher edition of Visual Studio 2008 with SP1.

Watch the Planet PPT User Demo video included in the resource kit to get an overview of the user facing features of the Planet PPT service prior to exploring the service on your own.

You can log into the server using one of the following e-mail addresses as the login user. The password for all demo user ids is **password**

karthik@hotmail.com

masashi@hotmail.com

simon@hotmail.com

pankaj@hotmail.com

The Project Kobe overview and implementation drill down white papers contain information that will enable you to explore and understand the design & implementation of the sample service.

## Advanced Deployment & Configuration

The packaging of the Planet PPT Sample Web 2.0 service is optimized for a developer workstation/environment. The Web Deployment Tool (included in and installed by the Microsoft Web Platform Installer) can be used to deploy services like Planet PPT in staging and production environments. The general steps to do this are included in the documentation provided for the Web Deployment Tool.

## Feedback & Support

We hope that you find the Kobe Kit to be a useful resource. You can e-mail your comments/feedback and questions to [kobehelp@microsoft.com](mailto:kobehelp@microsoft.com). We are committed to helping you be successful in installing and exploring the Kobe kit, and will do our best to respond to your enquiries.