

Developer Map for the 2007 Microsoft Office System

Programs

| Extensibility | Microsoft® Office Word 2007 | Microsoft® Office Excel® 2007 | Microsoft® Office PowerPoint® 2007 | Microsoft® Office Outlook® 2007 | Microsoft® Office InfoPath® 2007 | Microsoft® Office Visio® 2007 | Microsoft® Office Project 2007 | Microsoft® Office Access® 2007 | Microsoft® Office Groove® 2007 | Microsoft® Office Communicator 2007 |
|--|---|-------------------------------|------------------------------------|---------------------------------|----------------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------------|
| Visual Studio 2008 Application Level Add-Ins | Take advantage of new project templates and visual designers to create sophisticated add-ins for Microsoft Office applications with managed code. <ul style="list-style-type: none"> ClickOnce deployment and security Interoperability between VBA and VSTO Custom workflow support for SharePoint Products and Technologies Visual Fluent Ribbon designer Custom Outlook 2007 form region wizard and designer Support for WPF, WCF and LINQ Increased runtime stability through appdomain isolation Increased reliability through strong typing Version-resilience through MAF (Managed Add-in Framework) | | | | | | | | | |
| Visual Studio 2008 Document Level Customizations | Take advantage of new project templates and visual designers to create sophisticated document-specific customizations with managed code. <ul style="list-style-type: none"> Enhanced controls on the document/workbook surface, including databinding Doc-level custom ActionsPane Full ClickOnce support for deployment and updates Strict yet simple security model | | | | | | | | | |
| Custom Task Panes | Create and deploy application-specific functionality in fully customizable task panes that users can dock to different areas of the screen. <ul style="list-style-type: none"> Multiple task pane support Docking support Microsoft.Office.Core.ICustomTaskPaneConsumer • Microsoft.Office.Core.ICTPFactory | | | | | | | | | |
| Microsoft® Office Fluent UI Extensibility | Customize and extend the Ribbon through a combination of Open XML markup, any Microsoft .NET-based language supported in Microsoft Visual Studio, Microsoft Visual Basic® for Applications (VBA), Microsoft Visual C++® or Microsoft Visual Basic® 6.0. <ul style="list-style-type: none"> Document or Application-level solutions/customizations Microsoft.Office.Core.IRibbonExtensibility | | | | | | | | | |
| Open XML | New Open XML technology that replaces existing Microsoft Office system file formats with open, documented, royalty-free file formats. <ul style="list-style-type: none"> Open Packaging Conventions Document parts Custom Open XML parts Content types Relationships Fluent UI extensibility System.IO.Packaging • DocumentFormat.OpenXML.Packaging Ecma Office Open XML File Formats Standard | | | | | | | | | |
| Microsoft® Visual Basic® for Applications | Embeddable programming environment designed to enable developers to build custom solutions using the full power of Microsoft Visual Basic. <ul style="list-style-type: none"> Simplest deployment model Rapid prototyping | | | | | | | | | |

Key

- Features
- Namespace, Web Service, or Schema
- Objects

Interoperability

- Exchange Server Protocols
- Microsoft Office Protocols
- SharePoint Server 2007 Products and Technologies Protocols

Tools

Microsoft® Office SharePoint® Designer 2007
 Web site development and management program that provides you powerful tools to build, customize, and contribute to SharePoint Server 2007 sites using the latest Web design technologies and established standards in an IT-controlled environment.

Microsoft® Visual Studio®2008 (Professional and Teams Edition)
 Key developer technology that enables you to create scalable, LOB solutions for Microsoft Office by using the Office Development System features included with Microsoft Visual Studio 2008.

Microsoft® Visual Studio®2008 Extensions for Windows SharePoint Services 3.0
 Add-on to Microsoft Visual Studio 2008 that makes it easier to code-up SharePoint Server 2007 solutions. It includes a set of project templates for Web Parts, site definitions; and a stand-alone utility program, the SharePoint Solution Generator.

Microsoft® Visual Studio 2005 Tools for the Microsoft Office System
 Developer tools that enable you to use Microsoft Visual Studio Tools for the Microsoft Office System Team Suite to develop workgroup-to-enterprise scalable line-of-business solutions optimized for the 2007 Office system.

Services

Microsoft® Office Live Small Business
 Office Live Small Business provides easy-to-use tools to take, promote, and manage a small business online, including:

- Free Web hosting and simple do-it-yourself site building tools
- More than 20 free business productivity applications
- Affordable e-mail and search marketing tools

Opportunities for Office Live Small Business Developers and Designers

- Customize Office Live Small Business applications
- Create vertical and niche solutions
- Offer Web design services

Microsoft® Office Live Meeting
 Office Live Meeting connects and engages audiences in online meetings, training, and events through a reliable, enterprise-class hosted Web conferencing service. Deliver a presentation, kick off a project, brainstorm ideas, edit files, collaborate on whiteboards, and negotiate deals with meeting attendees participating from their PCs. Alternatively, enterprises that deploy Office Communications Server 2007 can host the Office Live Meeting service on-premise.

- Meetings
- Users and Groups
- Meeting Content and Recordings
- Reporting and Attendance

Live Meeting Service 4.0 API
 Live Meeting Service Portal 8.0 API

- CreateMeetingRequest Element
- CreateUserRequest Element
- ListConnectedVisitorsRequest Element
- ListRecordings4Request Element

Servers

| Microsoft Office SharePoint Server 2007 | | | | Microsoft® Office Project Server 2007 | Microsoft® Office PerformancePoint Server 2007 | Microsoft® Exchange Server 2007 | Microsoft® Office Communications Server 2007 |
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| Business Intelligence Excel Services | Business Process Integration InfoPath 2007 Form Services | Enterprise Content Management Web Content Management | Enterprise Search Enterprise Search | Project Server 2007 is completely re-architected for the Microsoft Office Enterprise Project Management (EPM) solution. Project Server 2007 Web Access enables project team members, project managers, and executives to interact with and analyze project information within their responsibilities. Project Server 2007 helps your organization manage and coordinate resources and work across the entire project lifecycle, from one-time projects to complex programs. <ul style="list-style-type: none"> Project Server Interface (PSI) Web services Queueing services Project Server events Server-side scheduling Unlimited enterprise custom fields Timesheets: stand-alone or project-integrated Reporting data service Cube building service | Office PerformancePoint Server 2007 enables you to monitor, analyze, plan, and report on your organization's progress toward performance management goals. <ul style="list-style-type: none"> Create extensions for Monitoring Server Microsoft.PerformancePoint.Scorecards | Helps you manage a reliable messaging system with built-in protection against spam and viruses, while providing people throughout your organization with anywhere access to e-mail, voicemail, calendars, and contacts from a wide variety of devices. <ul style="list-style-type: none"> E-mail Unified Messaging Exchange Web Services Exchange .NET Framework Extensions OWA Web Parts Microsoft.Exchange.Data Microsoft.Exchange.Data.Mime Microsoft.Exchange.Data.TextConverters iCalendar | Microsoft Office Communications Server 2007, the next version of Live Communications Server 2005, adds on-premise Web conferencing and the ability for Communicator to make and receive voice calls. <ul style="list-style-type: none"> Real-time Communications • Audio/Video Conferencing Speech Server Integrate presence & add click-to-call capability to Microsoft applications Integrate presence & add click-to-call to Windows applications Integrate presence into non-Windows applications Build ethical walls, custom disclaimer mechanisms, & dial plan validators Provide on-premise Web conferencing Microsoft.Office.Interop.UccApi (UC Client API) Microsoft.Rtc.Signaling (UC Managed API) Microsoft.Rtc.Sip (Office Communications Server) Microsoft.SpeechServer |
| Reporting and Dashboards | Business Data Catalog & Application Integration | Document and Records Management | People and Personalization People and Personalization | Enhanced Query Object Model, Schema Object Model, Search Web Service, Search Term Lists, Search Alerts (RSS/email), Customizable Search Center, Search Web Parts, Protocol Handlers, Filters microsoft.office.server.search.* | Provides IT organizations with enterprise-class server software and tools for deploying, managing, and integrating Groove 2007 across the enterprise. Groove 2007 Data Bridge is a server platform for connecting Groove workspaces with business apps, portals, and other enterprise data sources. | Microsoft Office Communications Server 2007, the next version of Live Communications Server 2005, adds on-premise Web conferencing and the ability for Communicator to make and receive voice calls. <ul style="list-style-type: none"> Real-time Communications • Audio/Video Conferencing Speech Server Integrate presence & add click-to-call capability to Microsoft applications Integrate presence & add click-to-call to Windows applications Integrate presence into non-Windows applications Build ethical walls, custom disclaimer mechanisms, & dial plan validators Provide on-premise Web conferencing Microsoft.Office.Interop.UccApi (UC Client API) Microsoft.Rtc.Signaling (UC Managed API) Microsoft.Rtc.Sip (Office Communications Server) Microsoft.SpeechServer | |

Unified Communications

Windows® SharePoint® Services

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| Provisioning <ul style="list-style-type: none"> Site definitions – Templates defining capabilities, structure, and contents of SharePoint Server 2007 sites. Comprised of Open XML-based instructions for constructing/configuring sites, plus ASP.NET resources (pages, master pages, graphics, style sheets, JavaScript includes) to be used by sites based on this template. Feature definitions – A subset of a site definition that defines a set of components that together make up a discrete piece of functionality (e.g., a list/view definition, a Web Part, and event receiver, and a custom page). Site definitions can and do consist of references to a set of feature definitions. | Administration <ul style="list-style-type: none"> .NET object models for site collections (SPSite), sites (SPWeb), lists (SPList), event registrations, workflow registrations, users (SPUser), roles (SPRole), access control lists .NET object models for farms, servers, Web Applications, zones, services (Microsoft.SharePoint.Administration.*) | Data Store <ul style="list-style-type: none"> Structure <ul style="list-style-type: none"> List/Library metadata (SPList/SPLibrary), fields (SPField) Field definitions, site columns Content types (SPContentType) Views, filters, and queries (SPQuery) Cross-site queries (SPSiteDataQuery) Item security | Services <ul style="list-style-type: none"> Jobs and task scheduling Content migration APIs for import/export tasks Change Logs (SPChange*) Alerts (SPAlert) RSS access to lists/libraries Search within sites (SPWeb.SearchDocuments, SPWeb.SearchListItems) | ASP.NET User Interface <ul style="list-style-type: none"> Web Part Pages Web Part Assemblies Web Part instancing data (SPWebPartCollection, SPUserStorage) Application Pages Master Pages Toolbars and Navigation Controls List forms (SPForm) |
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| ADO / ADO.NET / DAO / ODBC / OLEDB / RDO / SQLXML / XML | ASP.NET 2.0 | Windows® Workflow Foundation |
| Windows Internal Database / Microsoft® SQL Server™ 2000 / Microsoft® SQL Server™ 2005 | IIS 6 / IIS 7 | .NET Framework 2.0 / .NET Framework 3.5 |

Windows Server 2003 / Windows Server 2008