Developer Map for SharePoint® Products and Technologies

Business Intelligence

Excel Services

Excel Web Access - Thin client rendering of interactive spreadsheets
Excel Calculation Service - Server-side spreadsheet calculation engine
Excel Web Services - Programmatic access to spreadsheet data and formulae

microsoft.office.excel.server.*

Reporting and Dashboards

Dashboards, Report Center, Key Performance Indicators, Filter Web Parts, SQL Server Reporting Services Integration

microsoft.sharepoint.portal.analytics.*

Business Process Integration

InfoPath Form Services

Rich Browser-Based Forms, Browser Forms on Mobile Devices, InfoPath Form ASP.NET Control (**XmlFormView**), Extensible .NET Business Logic, Import/Export Framework, InfoPath Client Integration, Form Archiving

microsoft.office.infopath.server.*

Business Data Catalog & Application Integration

Single Sign-on Secure Credential Store, Connect to External Data via Web Services, Field Integration with Lists, Business Data Web Parts, Actions, WSRP Consumer Web Part (**WSRPConsumerWebPart**)

microsoft.office.server.applicationregistry.*

Enterprise Content Management

Web Content Management

Listings, Enhanced Navigation, Page Layout Templates, Custom Field Controls, Page Settings Push-down to Web sites, Site Variations, Extensible Authoring Tools, Output Caching, Content Deployment, Content By Query Web Part (**ContentByQueryWebPart**), RSS Feed Consumer Web Part (**RSSAggregatorWebPart**)

microsoft.sharepoint.publishing

Document and Records Management

Information Rights Management Integration, Extensible Document Policies, Records Repository, Extensible Hold Infrastructure, Barcode Generation, Built-In Workflows

microsoft.office.documentmanagement
microsoft.office.policy

Enterprise Search

Enterprise Search

Enhanced Query Object Model, Schema Object Model, Search Web Service, Search Term Lists, Search Alerts (RSS/email), Customizable Search Center, Search Web Parts

microsoft.office.server.search.*

People and Personalization

People and Personalization

Per-User Sites (My Sites), Role-based Targeting, Per-User Data Aggregation, Profile Sync with Site Membership Store, Knowledge Network

Microsoft® **SharePoint** Products and Technologies

Provisioning

Site Provisioning

Create Sites from XML Definitions (onet.xml), Create Lists from XML Definitions (schema.xml), User Created Site Templates (.stp), Modular Provisioning Framework (features), Provisioning Callouts, Globalized XML files via Pluggable Resources, Site Upgrade Framework

Solution Deployment

Deploy Web Parts on Server, Deploy Site Definitions on Server, Deploy Feature Definitions on Server, Solution Upgrade, Deploy Across Machines, Scheduled Deployment

Administration

Administration

Extensible Administration Store, Extensible Administration Site, Extensible Administration Command Line

Timers

Extensible Timer Job Infrastructure (**SPJobDefinition**), End-User Long Running Jobs (**SPWorkItem**)

microsoft.sharepoint.administration

SharePoint Data Store

.NET Developer APIs

Object Model and Web Services
Common Operations via Web Service; Provision Sites (FPRPC), WebDAV Support, Full Server Side .NET object model; Property Bags on Folders, Files, and Items; Change Log (**SPChange**); Auditing (**SPAudit, SPAuditItem**)

Events
Post Events for Libraries, Post Events for Lists, Pre Events for Lists and Libraries (**SPItemEventReceiver**), Multiple Event Receivers per List, List Schema Events (**SPListEventReceiver**), Web Deleting Events (**SPWebEventReceiver**)

Site Model
Site Collections (**SPSite**), Sites (**SPWeb**), Files and Folders (**SPFolder, SPFile**) (**Module**)

Lists and Libraries
Customizable Lists and Libraries (**SPList,SPDocumentLibrary**) (**ListTemplate**), WebDAV access to Libraries, Multiple Content Types Per List, Extensible Field Types (**SPField**), Expanded number of fields, Recycle Bin (**SPRecycleBin**), Copy and Auto-Copy

Lookups
Lookup to Other Lists, Multi-Valued Lookups, Lookup Across Web Sites, Associate with Content Types or Lists

Data

Security
Web Security, List Security, Folder and Item Security, Custom Authentication via ASP.NET Role and Member Providers, Web Application Security Policy, User Interface Security Trimming, Extensible User Information, Elevate Privileges in Code, Impersonate User in Code

Query
Sort, Filter, Grouping, Query of Lists and Libraries (**SPQuery**), Cross-List Queries (**SPSiteDataQuery**), Indexing of Fields

Content Management

Workflow
Extensible Workflow Engine, Workflow Definitions (**SPWorkflow**) (**Workflow**), Predefined Workflow Actions, Associate with Content Types or Lists

Schema Management
Multiple Content Types Per List, Centralized Column Management (**Field**), Centralized Schemas (Content Types) (**ContentType**), Centrally Bind Events, Centrally Bind Document Templates, Centrally Bind Forms

Versioning
Version History for Libraries, Version History for Lists, Major/Minor Versions, Version Trimming, Version Differencing, Versioning on List Items

Check-in/Check-out
Check-In/Checkout of Documents , Enforced Checkout

Documents
Link Fix-up on Libraries, Property Promotion/Demotion, Link Fix-up on Items, Extensible Property Promotion/Demotion, Document Transformation (**DocumentConverter**)

microsoft.sharepoint

Services

Import/Export
Migrate Data in and Out, Core Meta Data (Modified By, etc) Override, Merged Import with Existing Data (Publishing), Public Migration Data Formats

microsoft.sharepoint.deployment

RSS
RSS Feeds per List

E-Mail and Alerts
E-mail Alerts, Task Alerts, Assignable Alerts, Incoming E-Mail Routing to Lists, Extensible E-Mail Processing (**SPEmailEventReceiver**)

Search
Web and List Search, Cross-Web Search

microsoft.sharepoint.search

Pages and User Interface

Web Parts
Web Part Zones, Web Parts, Web Part Connections, Client-Side Web Part (**ContentEditorWebPart**), ASP.NET 2.0 Web Part Integration

microsoft.sharepoint.webpartpages

User Interface and Navigation
Standard Visual Blueprint, Customizable Themes, Navigation Node Hierarchy, Add Links to ToolBars, Settings Pages (**CustomAction**), Add/Extend Controls on Existing Pages (**Control**), Cross-web Navigation Hierarchies, Navigation Object Model (**SPNavigationNode**), ASP.NET 2.0 SiteMap Provider Integration

microsoft.sharepoint.webcontrols

Forms and Views
CAML Driven Forms and Views, ASP.NET Form Controls, Cross-web List Views, ASP.NET DataSource for List Data (**SPDataSource**), XSL-Driven Forms and Views (**DataFormWebPart**)

Pages
ASP.NET Controls, Customization of Pages, Add Server Side Code to Pages, ASP.NET Master Pages, Mobile Page Rendering, Revert Page Customization to Template

Windows Internal Database/ SQL Server 2000/ SQL Server 2005

ASP.NET 2.0

Windows Workflow Foundation

IIS 6/IIS 7

.NET Framework 2.0

Key	
WSSv2/SPS2003 Feature	Sites
New 2007/V3 Feature	Workflow
Object Model Type	SPWeb
Provisioning Element Type	ContentType

Windows Server 2003/Windows Server "Longhorn"

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