

Sitecore Infopath Module. A natural extension of the Microsoft Office 2003 system into the Sitecore content management system – a full XML environment.

Benefits

Microsoft® Office InfoPath™ 2003 is a new program in the Microsoft Office System that can help gather information flexibly and efficiently in rich, dynamic forms. You can more effectively share, reuse, and repurpose information throughout your organization or team—improving collaboration and decision-making.

InfoPath is based on the same philosophy as Sitecore, namely working with structured XML content using an intuitive form based editor. Fusing Sitecore into InfoPath is therefore a natural extension to the Sitecore content management interface.

Not only can all of the functionality of InfoPath be extended into the Sitecore environment; but editors can now also use the same Office tool to work with all content throughout their organization.

The combination of InfoPath and Sitecore literally moves content management into the editor's familiar Office environment.

Facts

The default file format for InfoPath 2003 is XML, or Extensible Markup Language. This is an open, industry-standard language for organizing and storing data. Having data in XML means that the information is transportable and can be easily shared and reused. Sitecore is written for XML so the two systems are 100% integrated.

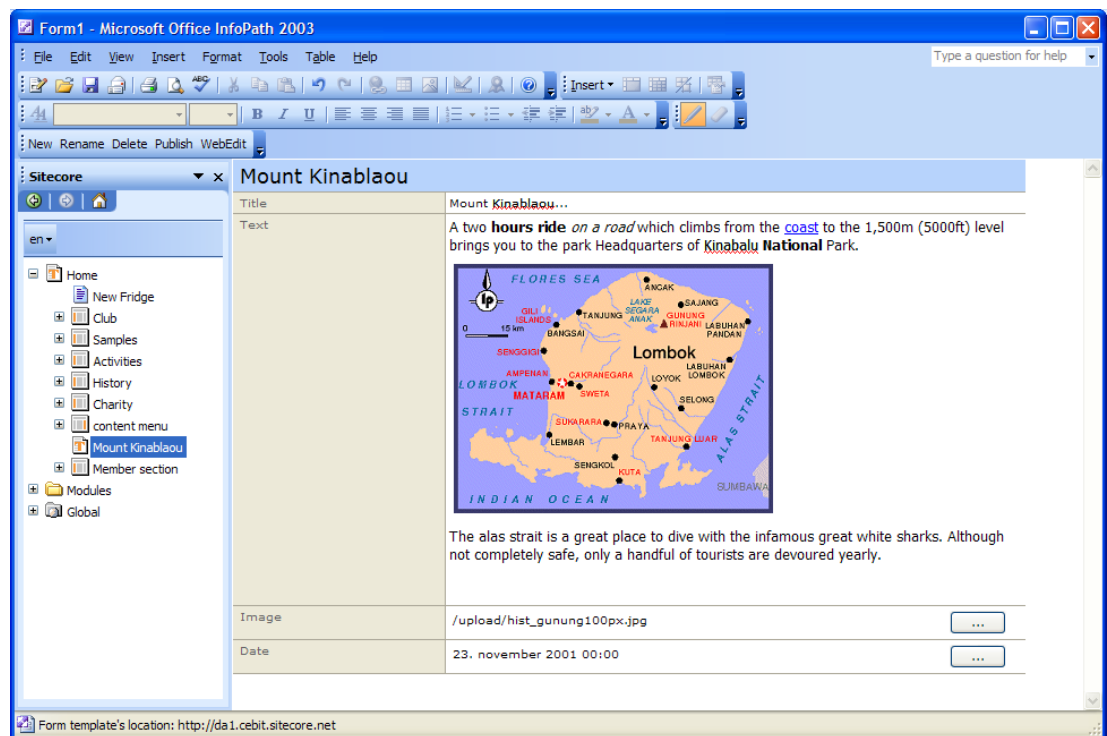
InfoPath 2003 supports any customer-defined schema, which means that information gathered using InfoPath 2003 forms more easily integrates with server systems. Using InfoPath 2003 to gather information can improve the flow of information throughout the organization.

Microsoft .NET is built on a foundation of web services, so that new and existing applications can connect with software and services across operating systems. InfoPath 2003 works well as a client for web services. Combining this with the Sitecore platform gives a system that was built to work with XML and can help customers connect information with business processes and solutions.

Sitecore/ InfoPath Interface

You can see from the screen shot how the Sitecore CM functions combine smoothly with the InfoPath central data entry form.

The editor controls are combined with the Sitecore tool bars.



Features

The Sitecore InfoPath module provides a content management interface that combines completely with the Microsoft Office 2003 suite.

WYSIWYG Editor

InfoPath 2003 is a rich client application that provides powerful functionality such as:

- An editing interface that is identical to the familiar Sitecore interface
- Employees can manage all content throughout your organization using just one interface
- Rich-text formatting
- Auto corrections
- Spelling checking (using the same dictionaries that other Office applications use)
- Inserting images from both the Internet and other Office applications
- Business-logic validation

Sharing information

InfoPath enables organizations or teams to easily reuse and repurpose the information they collect. The information can then be shared across business processes and organizations.

- Share, reuse, and repurpose information across systems and processes with support for XML Web services.
- Enhance team collaboration by combining InfoPath 2003 and Microsoft Windows® SharePoint™ Services.

Creating Forms

InfoPath makes it easy to create robust forms solutions and to deploy and maintain forms solutions across an organization.

- Build your own forms for gathering information in the WYSIWYG ("what you see is what you get") design mode or work with 25 ready-to-use samples.
- Include powerful features like data validation in your forms without writing code.
- Create forms solutions using existing customer-defined schemas.
- Publish your forms to a shared network folder, a Web server, a Windows SharePoint Services form library, or send them by e-mail.
- Make sure the most up-to-date form is always available with silent and automatic downloads.
- Form designers in multinational companies can create forms with a different language per view.

Other

InfoPath supports Clinical Document Architecture (CDA), a national XML standard for the healthcare industry

Technical

InfoPath is built from the ground-up based on W3C standards such as XML 1.0 SE, Namespaces in XML, DOM 1.0, XML DSIG, XSD 1.0 (XML Schema Part 1: Structures), XSD 1.0 (XML Schema Part 2: Datatypes), XSLT 1.0, XHTML 1.0, UDDI 1.0, WSDL 1.1 and SOAP 1.1.

InfoPath works natively with XML and supports customer-defined schemas that are based on the W3C XML Schema (XSD) standard. InfoPath can load any XML schema, according to the XSD standard.

InfoPath supports calling XML Web services via SOAP, WSDL and Web services discovery (UDDI) in the InfoPath design mode. XML Web services can be used

as data sources for the main InfoPath form and/or for auxiliary data used by the InfoPath form template.

Within design mode, a developer can save out InfoPath form templates as individual files and then work with them in Visual Studio® development system. Developers using Visual Studio .NET can develop XML schemas, script code and C++ components that can then be used inside an InfoPath form.

InfoPath supports the Document Object Model (DOM), the Canvas OM, and OMs for validation, submit, and other actions.

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