

Welkom!

Microsoft

The Microsoft logo is partially visible in the top right corner, consisting of four colored squares: orange, green, blue, and red.

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Introduction to K#: boost your web development productivity

Jeroen Fürst

Lead engineer, IBL-Software

Microsoft

Today's agenda

- About me
- About IBL-Software
- About Kentico
- Kentico Installation Manager
- Kentico CMS overview
- Development models
- Extensibility and API
- Questions



About me

- Kentico lead engineer at IBL-Software
- Experience with Kentico versions 2.0b through 7.0
- Created more than 70 websites over the last 6 years



blogs.jeroenfurst.nl



[@jeroenfurst](https://twitter.com/jeroenfurst)



About IBL-Software

- Founded in 1997
- Office in Breda (NL) with 28 employees
- Kentico & Microsoft gold certified partner (since 2006)



www.ibl-software.nl



[@ibsoftware](https://twitter.com/ibsoftware)





Software that makes you happy

About IBL-Software

> 100 websites successfully launched



BOVAG Ledenportaal



Microsoft .Net Magazine



TNS-NIPO



PAT Learning Solutions



NIPO Software - Customer support center



De Alliantie



Docspro



TMI



TMI intranet



Kubus architectural solutions



QNH



FastFlex



Koninklijke Visio



CNS Woningbouw Datawarehouse



Habitat

About Kentico

- Founded in 2004
- Offices in 4 continents
- 100 employees



www.kentico.com



@kenticocms



What is Kentico CMS

Kentico CMS is one of the most powerful Content Management Systems and Customer Experience Management Systems on the planet. With over **16,000** active web sites in **90** countries it is used for everything from simple web sites to complex applications.

Kentico CMS is easy to install, simple to manage and reliable.



Kentico editions



complete CMS platform for websites, intranets, online communities and e-commerce sites



fully integrated CXM solution with additional online marketing and enterprise features built on top of Kentico CMS

Trees for bugs

- Highly Responsive 24/7 Global Support
- 7-Day bugfixing policy

Tree Gallery

The tree gallery shows all the trees we planted in the "Tree for Bugs" initiative. Each picture shows the tree and the Kentico employee(s) who planted it. Other pictures show our relatives/partners/dogs who helped us with planting.



This tree was dedicated to:
Roel de Bruijn

From: IBL-Software BV
Netherlands



This tree was dedicated to:
Jeroen Fürst

From: IBL-Software BV
Netherlands



This tree was dedicated to:
Jeroen Fürst

From: IBL-Software BV
Netherlands

Find Your Tree

Search

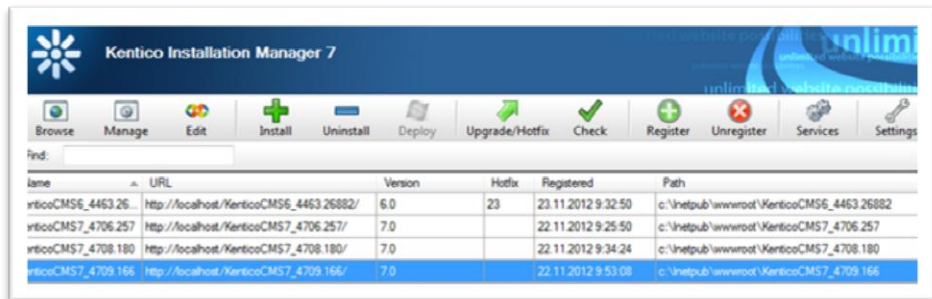
Search trees by tree name,
company name or country.



For more info: trees.kentico.com

Kentico Installation Manager

- Manage Kentico CMS instances
- Apply upgrades & hotfixes





demo

Kentico Installation Manager

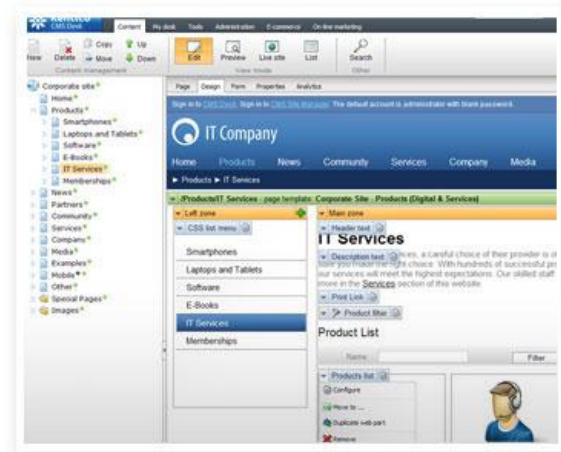


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Kentico CMS overview

- 100% ASP.NET platform
- Open API and customizable providers
- Detailed documentation
- Browser-based development for web designers
- Visual Studio integration for experienced developers
- Full source code available





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Kentico CMS overview



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Development models

- **Portal Engine**

Recommended approach for most developers since it doesn't require programming in Visual Studio. Simply build websites using web parts in the browser-based user interface.

- **ASPX**

Create websites using standard ASP.NET architecture and using standard development tools, such as Visual Studio.

- **MVC**

Create websites or specific pages using the Model-View-Controller architectural pattern (based on the ASP.NET MVC framework).

Portal Engine

Advantages

- Easier and faster way to build a website.
- ASP.NET programming knowledge is not required for common tasks.
- You can build the whole website very quickly, using only a web browser

Disadvantages

- Proprietary architecture and development process.

ASPX

Advantages

- Standard ASP.NET architecture.
- You can use your favorite development tools, such as Visual Studio.

Disadvantages

- Requires ASP.NET programming knowledge.
- The design of the web pages cannot be fully managed via the browser-based administration interface.

MVC

Advantages

- Model-View-Controller architecture.
- The option of using the Razor view engine
- Development via standard tools (Visual Studio).

Disadvantages

- Development tasks require knowledge of ASP.NET MVC and programming.
- The design of the web pages cannot be managed via the browser-based administration interface.
- Kentico CMS itself is not an MVC application, so you cannot use the built-in set of components and web parts while fully maintaining MVC architecture.



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Development models

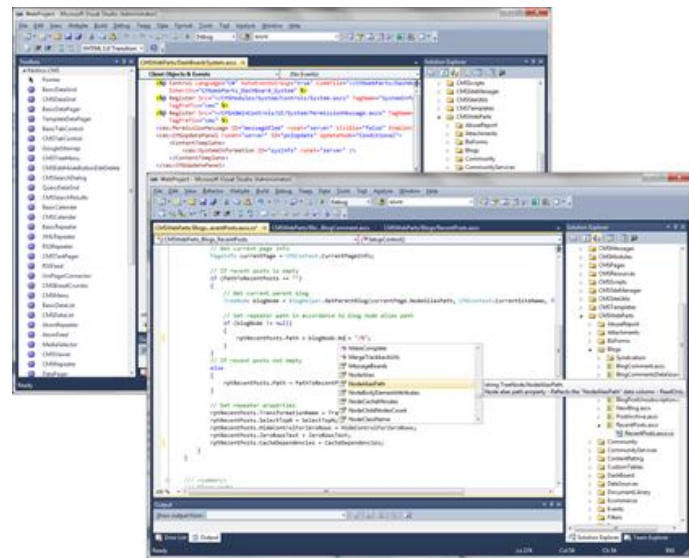


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Extensibility and API

- Fully Customizable Page Templates and Design
- Custom Document Types
- Customizable System Tables
- Custom Form Controls
- Fully Documented API
- Custom Web parts and Widgets
- Custom Modules
- Custom Providers and Event Handlers
- Custom Authentication and Membership Providers





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Extensibility and API



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Questions???

Contact

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Blog, slides and examples

<http://blogs.jeroenfurst.nl>

<http://devnet.kentico.com>

Catch me again tomorrow



Content personalization made easy with Kentico EMS

[< Terug naar alle sessies](#)

Spreker : [Jeroen Fürst](#) | Level : 100

Datum : 8 March 2013

Thema's : Web

Publiek : Developer

Taal : English

Details

This session showcases the transformation of a dozen websites into one single member portal, to ensure successful business and strengthen their relationships. Discover how you can use the Kentico Enterprise Marketing Solution to personalize and display customized content to site visitors and deliver a unique experience.