

**Release party  
January 25th 2011  
Delft, the Netherlands**



# What's a BIMserver?

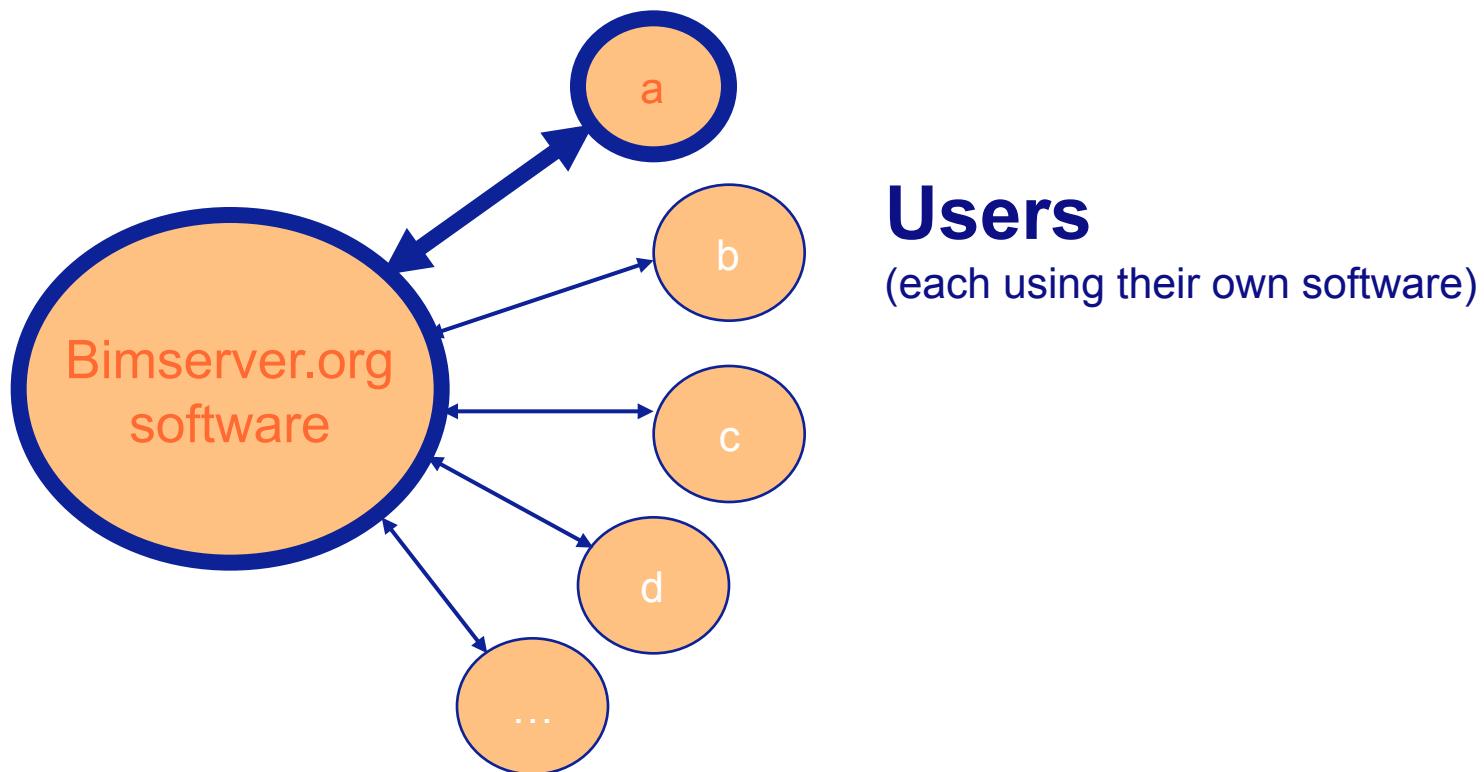


# **BIMserver.org** is:

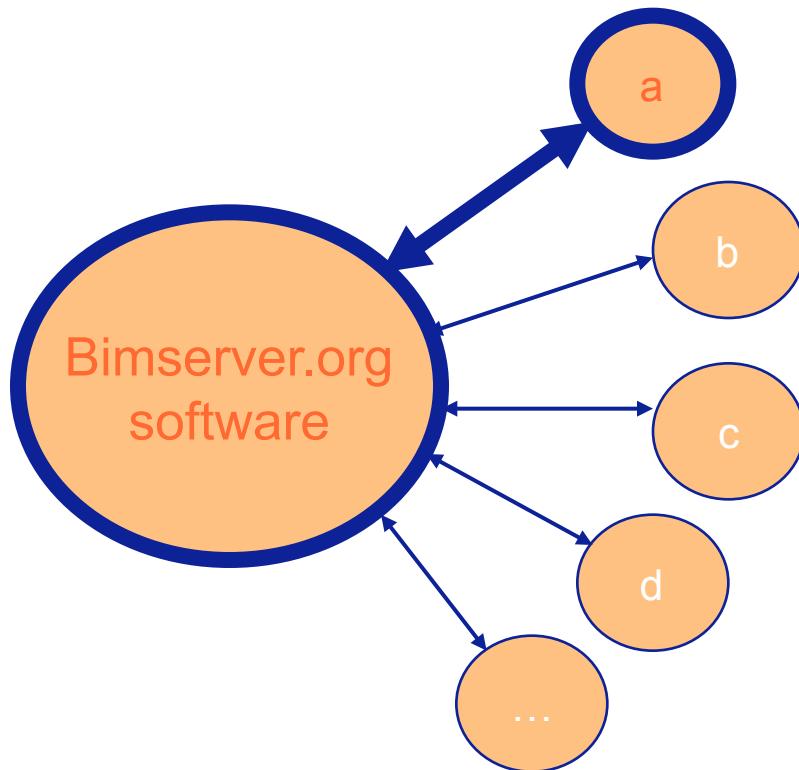
**Open source **Software** to transform a  
(internet)computer into a **BIM** modelserver**

**(your computer can be a **BIMserver!**)**

# Using the software:

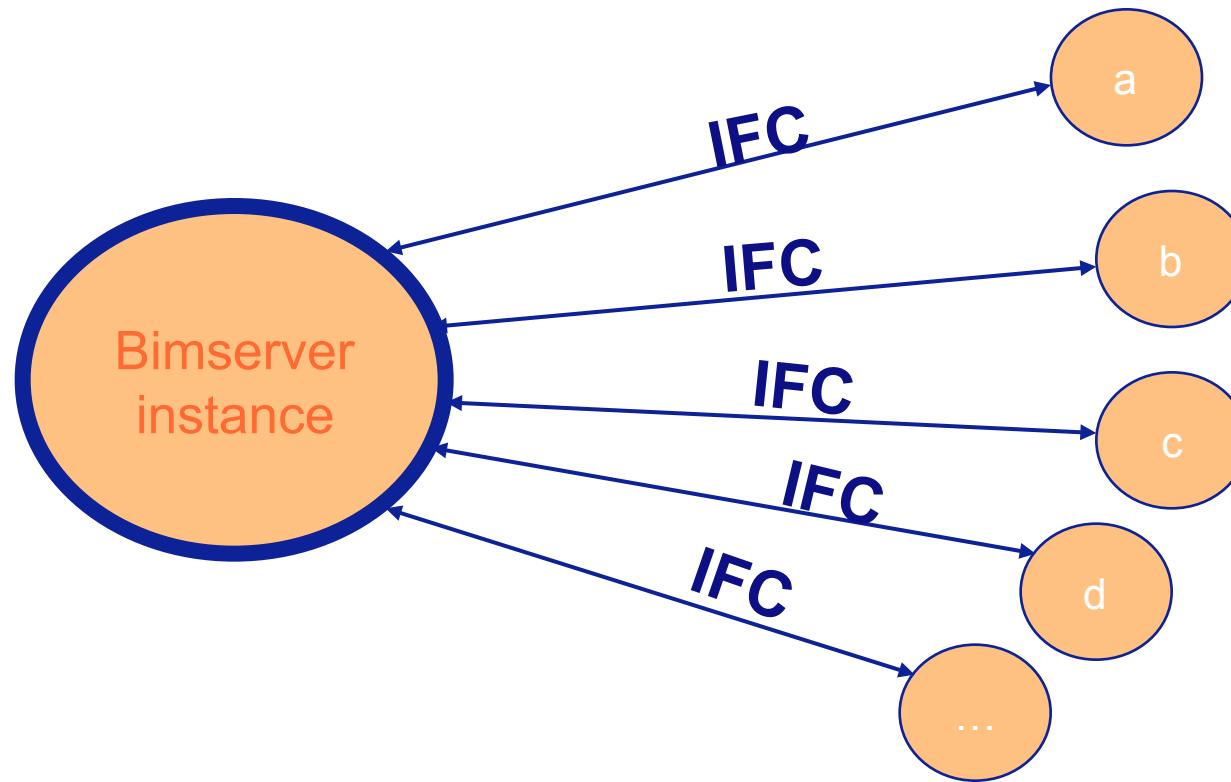


# Usual issue:



users  
each using their own  
**Different**  
software

# The solution: open standards



# Why should I use it?

- “Tool to support dynamic collaboration”

Developed for one specific purpose: BIM  
Open and free to use  
Open standards, so no vendor lock-in

Users think of new reasons every day...

# Some remarks....

- Don't call us and say: "*when you build this feature we are going to use your software*"
  - It's open source!
- This is not a hype.....
  - This is boring software that makes your life better. (when it was a hype, the userinterface would be better)
- This is not a "next big thing"
  - It's here today!

**What you are here for today:  
New & Improved stuff**



# Better (web) user-interface

The screenshot shows a web browser window for BiMserver.org Open Source. The URL is localhost:8082/project.jsp?pid=8#. The page title is "Project details (HHS)". The top navigation bar includes "Projects", "Users", "Info", and "Settings". A sidebar on the left lists "Submenu" and "Browser", with "Subprojects" expanded to show "MEP", "architect", and "construction". The main content area displays "Project details (HHS)" with tabs for "Details", "Sub Projects (3)", "Revisions (3)", "Query", "Clashes", and "Authorized users (1)". The "Margin" is set to 0.0. A table shows project details:

Project	Last revision	Revision
HHS	3 by admin	Off <input type="button" value="+"/>
construction	1 by admin	1 <input type="button" value="+"/>
MEP	1 by admin	1 <input type="button" value="+"/>
architect	1 by admin	Off <input type="button" value="+"/>

Below the table are two lists: "Ignored types" and "Included types".

**Ignored types:**

- IfcActor
- IfcAbsorbedDoseMeasure
- Ifc2DCompositeCurve
- IfcAccelerationMeasure
- IfcActionRequest
- IfcActorRole
- IfcActorSelect
- IfcActuatorType
- IfcAddress
- IfcAirTerminalBoxType

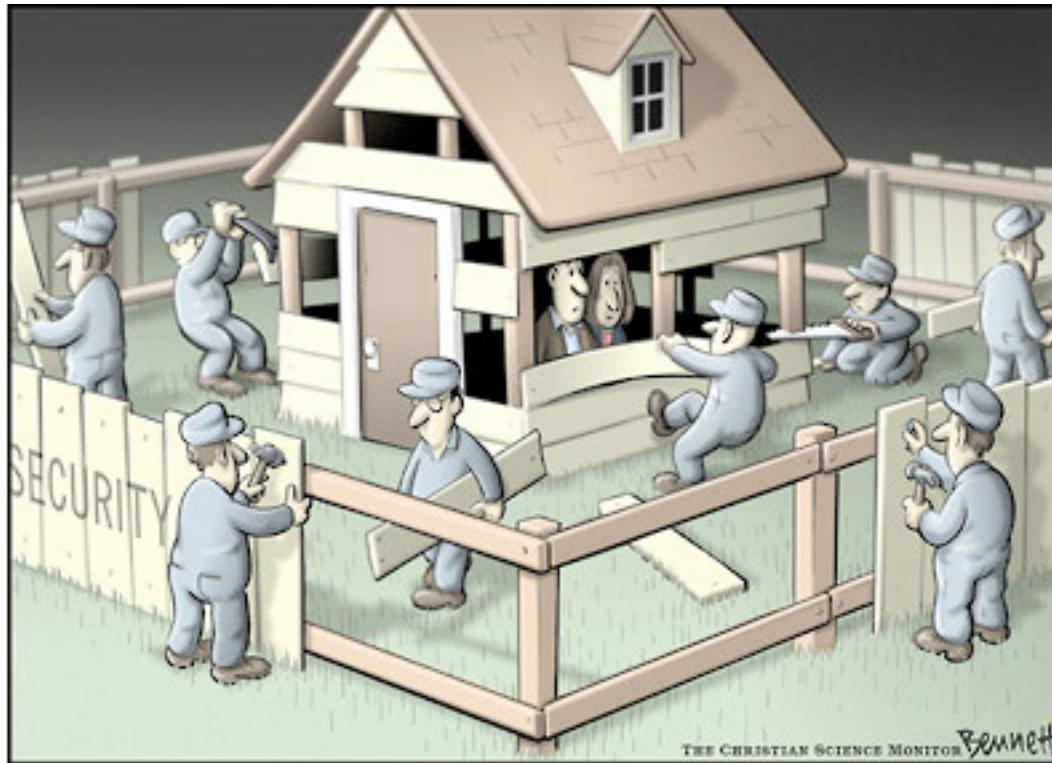
**Included types:**

- IfcWindow
- IfcWall
- IfcWallStandardCase
- IfcWallType

# Working in ‘the cloud’



# Improved security



# Improved export formats



CityGML



COBIE



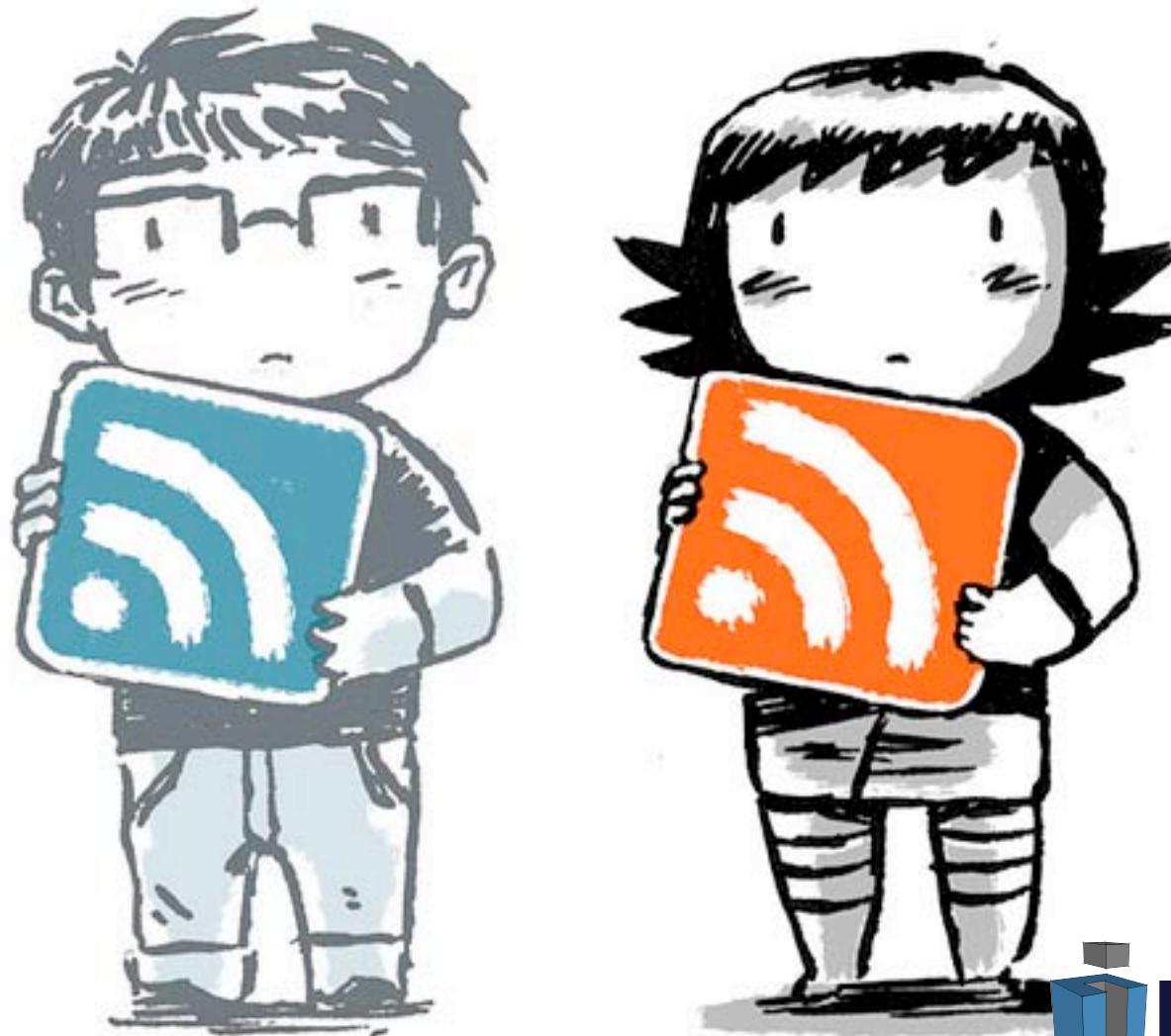
# speed increase



# ‘Intelligent’ merging...



# User specific change alerts



# Geolocate projects using OSM



# Easy Google Earth link (no import; a live link!)



# Smarter revision management



# More Query and filter options



# Early warning system (concurrent use)



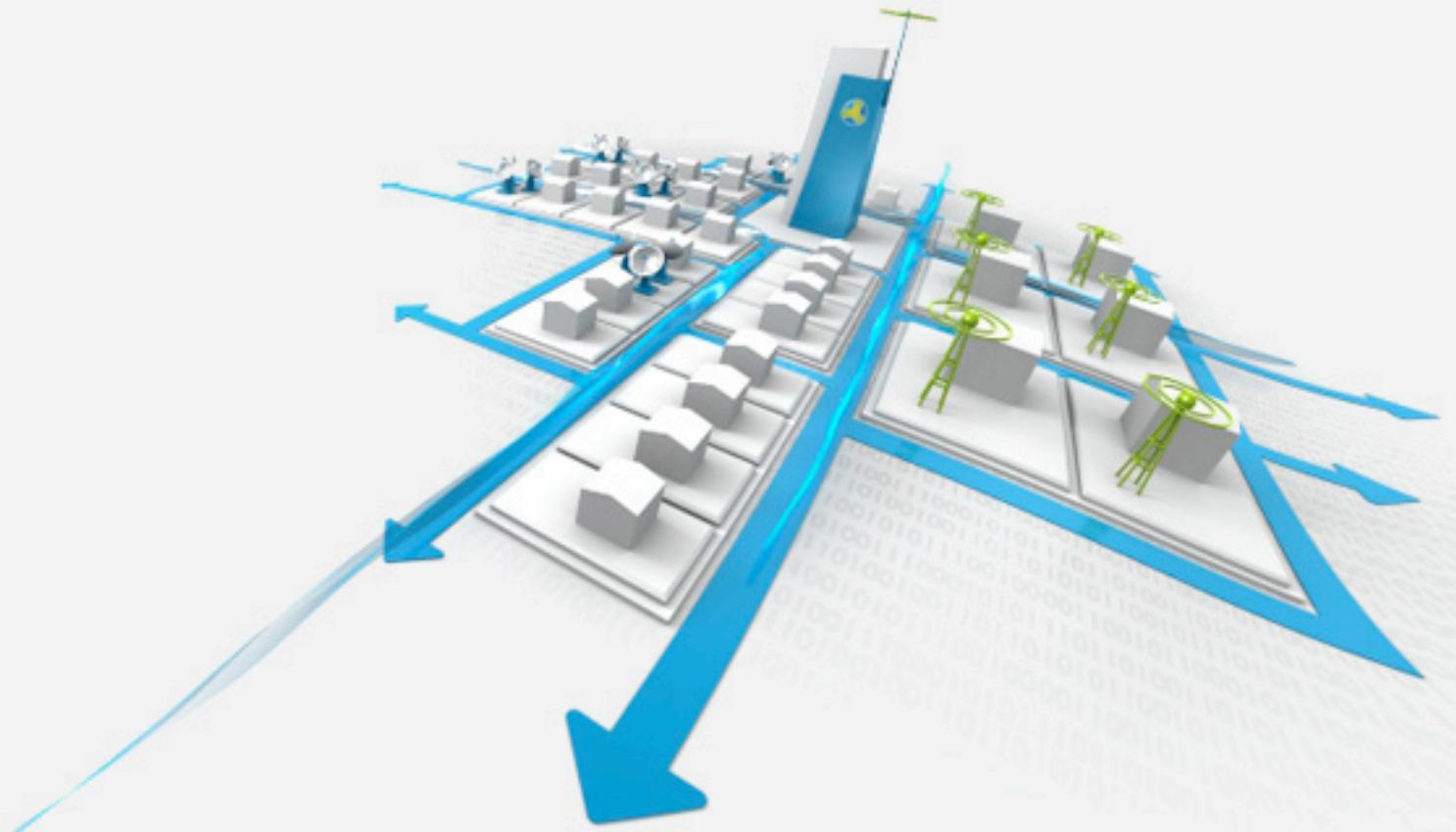
# Enhanced user control



# ifcZIP import and export (usability performance)



# Streaming data for analyses (usability performance)



# More and more service providers

The screenshot shows a web browser displaying the [www.bimasaservice.nl](http://www.bimasaservice.nl) website. The page features a navigation bar with links for Home, Nieuws, FAQ, Producten, Over ons, and Contact. On the left, there is a screenshot of a BiMserver login interface. On the right, a large section is titled "BIM in de cloud" with descriptive text about BiM as a Service. Below this, there is a call-to-action button labeled "Maak uw keuze!" and a note encouraging users to choose the most suitable solution. At the bottom, there is a "Screenshots" section showing five smaller screenshots of the BiMserver interface.

**BIM in de cloud**

BIM as a Service biedt een complete online oplossing voor een BIM in de cloud. U wilt een BIMserver zonder gedoe, maar mét professionele helpdeks, hosting, updates en backups? Meld u dan vandaag nog aan. U heeft de keuze tussen verschillende kant-en-klare oplossingen waardoor u altijd een betaalbare oplossing vindt voor uw BIM workflow. Ook op maat gemaakte oplossingen zijn mogelijk.

**Maak uw keuze!** Kies hier uw meest passende oplossing.

Screenshots

BiMserver  
Open source Building Information Modelserver

# Split between upload and storing (usability)



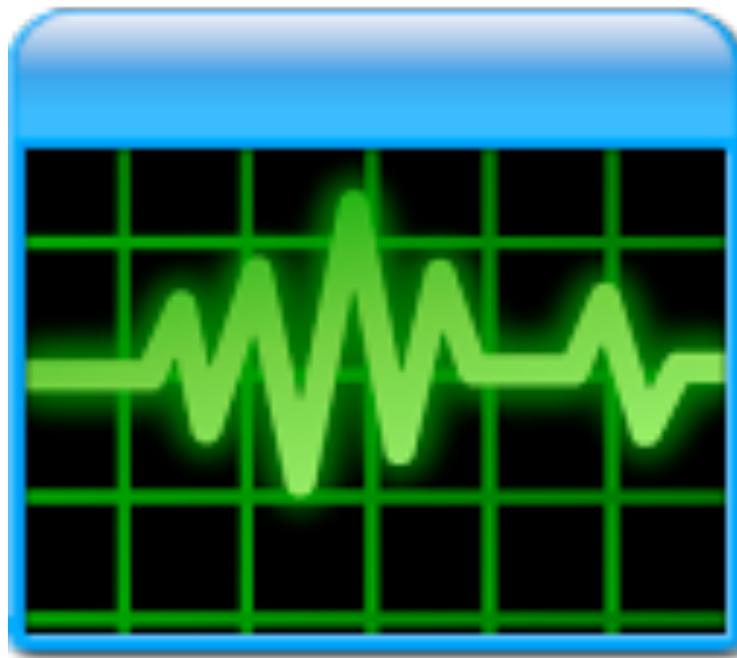
# More options for fine-tuning configuration



# Improved web service interface



# More monitoring / logging



# Integrating BIM and GIS

(GeoBIM.org)



# Better and easier change finder



# Automatic alert on clashes



# New website

The screenshot shows a web browser window with the URL [bimserver.org](http://bimserver.org) in the address bar. The page content is as follows:

- BIMserver** logo and text: "Open source Building Information Modelserver".
- Navigation menu: About, Services, Documentation, FAQ, Blog, News.
- Main heading: **GET IN THE HEART OF YOUR BIM**.
- Text: "The open source BIMserver is the ideal tool to support your dynamic design- engineering or construction process. It will give you the control you need on your Building Information Models." with a "Read more...." link.
- Image: A 3D illustration of a central red figure surrounded by blue figures, connected by arrows, symbolizing a network or central control.
- Section: **Open source BIMserver**. Subtext: "Welcome to the home of the open source Building Information Modelserver." and "The Building Information Modelserver (short: BIMserver) enables you to centralize the information".
- Footer: "January 25th, 2011: BIMserver 1.0 released" with a "Click here for more info and download" link.

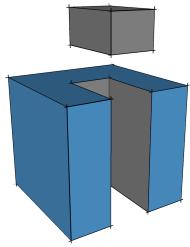


# Future thoughts & ideas ??



# Future thoughts and ideas

- More open, less features (in core)
- Open to extensions & plugins
  - DMS
  - Workflow
  - Features
  - More (service)interfaces
  - Userbase for distributed modelserver use
- Stick to the philosophy --> it's a modelserver
- Open source IFD server?
- Your thoughts?



**BiMserver**

Open source Building Information Modelserver

**Documentation project  
started in the Netherlands**



# Documentation project

- 9 Dutch companies + TNO
- 6 Months
- Resulting in
  - BIMserver Breakfast (June 2011)
  - PDF documentation
  - WIKI ([wiki.bimserver.org](http://wiki.bimserver.org))
  - Screencasts / movies
- 80% Funded by Dutch ministry of economics / 20% industry

**[www.bimserver.org](http://www.bimserver.org)**

