

# DeltaMaster clicks!

## 09/2007

Greetings, fellow data analysts!

Back in the July edition of *clicks!* we explained how you can access the Web from *DeltaMaster* by creating hyperlinks in reports. But did you also know that you can also access *DeltaMaster* from any computer with a Web browser and an Internet connection?

In this edition of *clicks!* we will explain how you can publish reports to the Web or a corporate Intranet with the new *DeltaMaster WebOption*. As always, we would be more than happy to set up a Web conference - or a personal meeting – to demonstrate how you can bring your *DeltaMaster* applications online!

Best regards,

Your Bissantz & Company team

### DeltaMaster 5.3.2

Download the new release – and a whole new set of functionality! Version 5.3.2 has 34 new features and functions – such as direct access to Hyperion and Oracle OLAP databases - which are thoroughly explained in *DeltaMaster deltas!*  
[www.bissantz.de/deltas](http://www.bissantz.de/deltas)

### Executive Seminar

**Nov. 23, 2007. Berlin**

Mark your calendars for our upcoming executive seminar “Management Information - Between Efficiency and Infotainment”. Stay tuned to [www.bissantz.de](http://www.bissantz.de) or see below for more information.

### Expert Forum:

**DeltaMaster and SAP**

**Sept. 27, 2007. Stuttgart**

*DeltaMaster* powers analytical reporting on many systems – including SAP. Learn about different solution paths and exchange best practices with other SAP users.  
[www.bissantz.de/dmsap](http://www.bissantz.de/dmsap)

### DeltaMaster@Work

**Sept. 27, 2007. Nuremberg**

Create reports that report something!  
[www.bissantz.de/dm@w](http://www.bissantz.de/dm@w)

### Archive

Get previous editions of *DeltaMaster clicks!* at:  
[www.bissantz.de/clicks](http://www.bissantz.de/clicks)



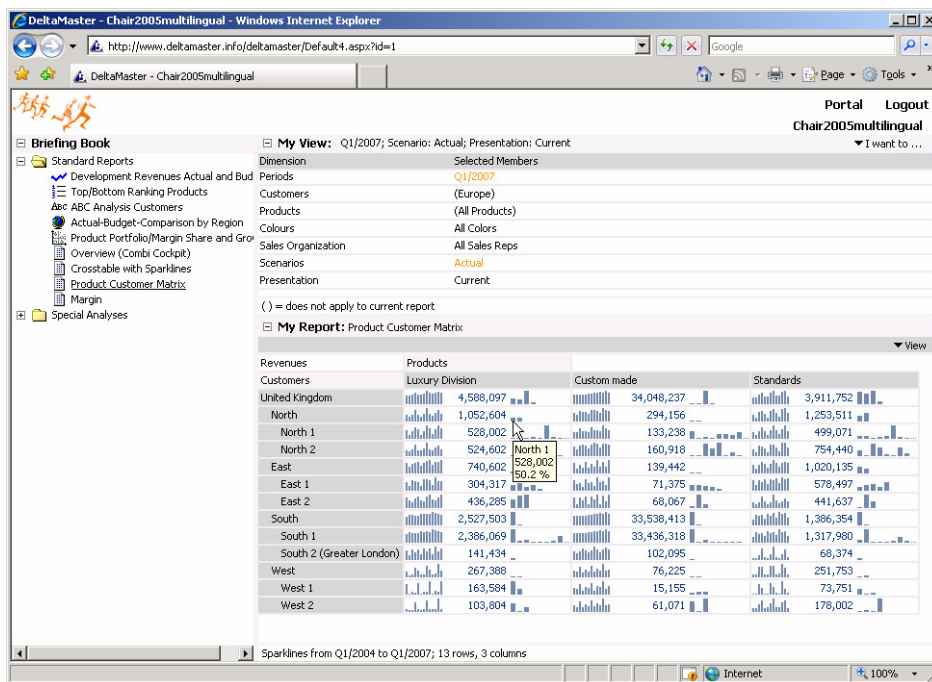
### “Management Information: Between Efficiency and Infotainment”

As announced in the column on your right, Bissantz cordially invites you to join us - and the discussion – at our executive event this November. Speakers include Professors **Rolf Hichert** and **Sven Piechota** as well as **Claus Schlüter**, Managing Director of “Nordsee” (Fish Specialties), and **Jens Ritterhoff**, Head of Business Development Network & Distribution at Swiss International Air Lines. There will definitely be plenty to talk about!

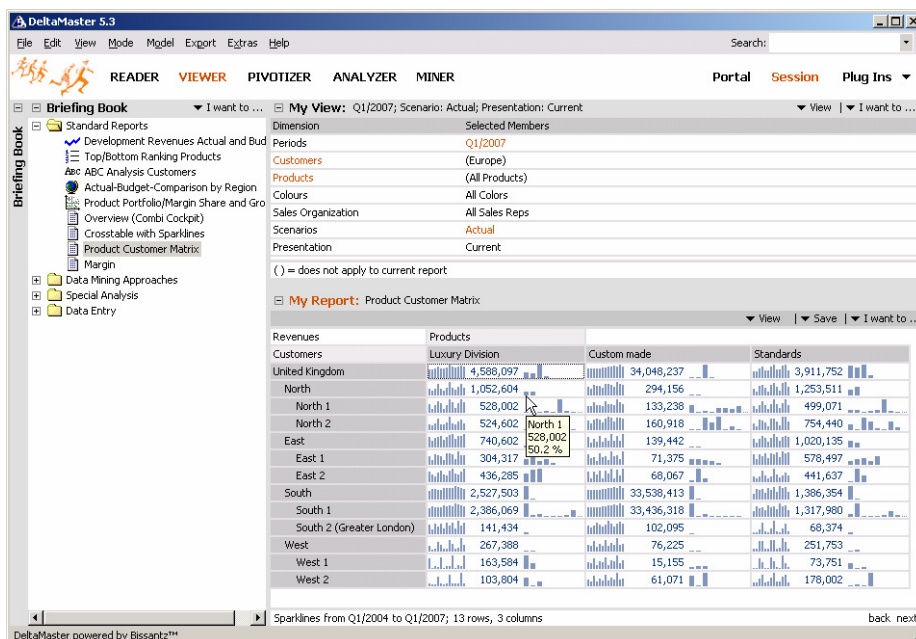
## Tip of the month: Distributing reports through the Web and Intranet with the DeltaMaster WebOption

Using the new *DeltaMaster WebOption*, you can publish reports to the Web or Intranet in Viewer mode or below. As a result, report consumers only need a standard Web browser, such as Internet Explorer or Firefox, to open their individual reports. The differences are so minimal that you might not even see them at a first glance.

Here's a sample briefing book in the Web:



...and the same briefing book in *DeltaMaster 5.3.2*:



## Why the Web?

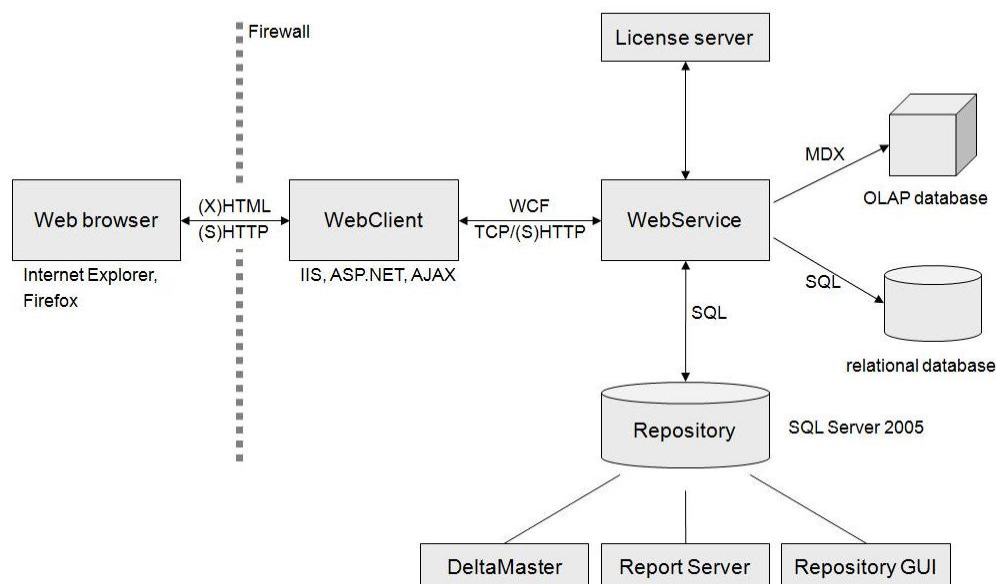
The fact that we even pose this question may surprise you, considering the omnipresence of the Internet nowadays. If you take a closer look, however, the Web is not the only way to fulfill certain requirements. Common reasons for publishing reports through the Web include:

- **Zero local installation**, which makes it easier to install and update the software across a large install base. Instead of using Web technologies, you could also work around this issue using Windows Terminal Services (WTS) or Citrix MetaFrame. *DeltaMaster* runs on both platforms which enable a central, one-time software installations and updates.
- **Usability of Web interfaces**, which requires no special training. This, however, also applies for the Windows version of *DeltaMaster*. Thanks to its intuitive user interface, both new and casual users can quickly navigate through the *Reader* and *Viewer* modes.
- **Open access** from any computer with Internet access, whether you are visiting a business partner or using a public terminal (including Apple or Linux systems). And when Smartphones or PDAs offer full-fledged browsers, you will not even need a classic PC in the future.
- **Easy integration** into existing portals and Intranet applications.

At this point we will not go into further detail, because the best method for delivering access to an application ultimately depends on the individual requirements of your company. At any rate, it is good to know in advance that *DeltaMaster* will support your choice regardless if you select a Windows client, WTS/Citrix environment or the Web.

## Architecture

So, how does a report get from *DeltaMaster* to the Web? The following illustration shows the components that support this process and together comprise the *WebOption*.



Let's take a closer look at this diagram starting from the left to the right:

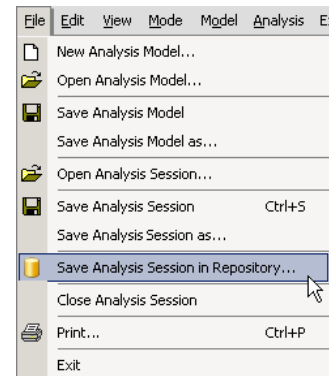
The *DeltaMaster WebOption* publishes reports to a Web browser; primary support is given to the market leaders, Microsoft Internet Explorer (Version 6 and higher) and Mozilla Firefox (Version 2 and higher). The reports are generated in pure HTML or XHTML files. Since the interactive interface is based on JavaScript, browser extensions such as Java, ActiveX or Flash are not necessary.

The *WebClient* generates HTML code and sends it to the browser. The name, however, is misleading, because the *WebClient* is executed on the Web server. Microsoft Internet Information Services (IIS), which is standard in all current Windows versions, operates as the server.

The *WebClient* receives the reports' contents – measures, tables, charts, comments, etc. – from the *WebService*. The *WebService*, in turn, connects with the OLAP database and, if applicable, an underlying relational database. In essence, the *WebServer* plays the same role as *DeltaMaster* in a conventional client-server scenario, for example, in querying the database, preparing results, etc. The names, therefore, refer to the distribution of tasks. The *WebService* delivers the *WebClient* with the report contents, and the *WebClient* generates the layout of the Web sites based on that information.

The diagram on the previous page also shows an additional database near the *WebService*. This *Repository*, which is set up in Microsoft SQL Server 2005, stores the analysis sessions (briefing books) that the users can access through the Web. When reports are distributed through the Web, the consumers directly access copies of the .das files (and not the actual files themselves) that were previously transferred into the *Repository* database using *DeltaMaster* or *Report Server*.

For report authors, the difference is actually quite minimal because they simply save the desired reports or analyses into a database instead of the file system. In *DeltaMaster*, the appropriate option is located in the *File* menu provided that you have a valid *WebOption* license. In *Report Server*, they simply select "repository" as the *Report format* and *Distribution type*. Although the .das file is not used for Web reporting, it will still be used for maintaining the model.

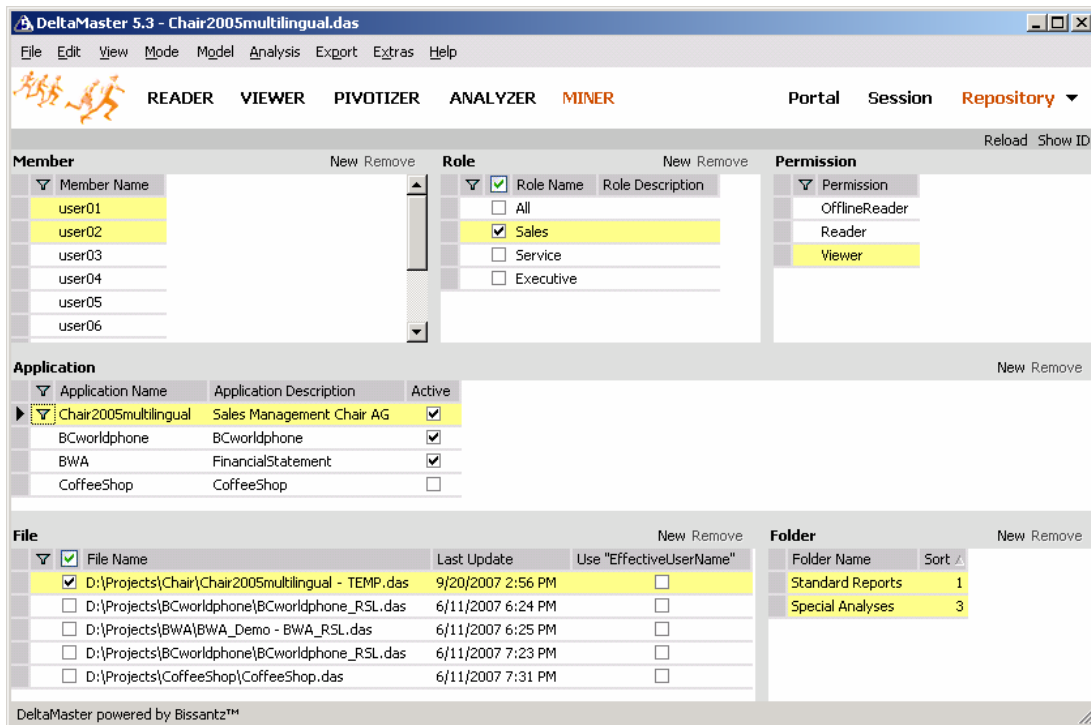


An analysis session that is transferred into a *Repository* is called an *Application*.

### *Roles, rights, applications: The repository and its GUI*

In addition to applications, the *Repository* also stores the rules that state which users can access which reports. In a client-server scenario, the operating system, database or the network software usually takes care of this task. Since these concepts are not comprehensive enough for Web deployments, *WebOption* offers its own separate user administration which is managed through the *Repository GUI*.

Here, you can assign individual *Roles* to *Users* (or user groups) and determine which roles can access which *Applications* and on which level (e.g. Reader, Viewer, Pivotizer, etc.).



In the screenshot above, you can see the Web-based sales analysis application of our reference company Chair Inc. The “Chair2005multilingual” application is based on the checked .das file listed below. In particular, only the “Standard Reports” and “Special Analyses” – and none of the remaining folders - will be accessible through the Web. The application is only available to employees with a “Sales” role. The members “user01” and “user02” can use Viewer functionality, which means, for example, that they can also change the report view in the Web browser.

### Licensing

WebOption allows you to use analytic applications through a Web browser as well as directly in DeltaMaster as a client application in Windows. Both access methods occupy an Offline Reader, Reader or Viewer license. To enable Web access, you also need a basic license as well as licenses for the ports or actual web access.

### Questions?

Considering that each company has very individual requirements and usage scenarios for Web applications, we know that we could not have possibly answered all of your questions about the new WebOption in these few pages. So if you have any questions, please do not hesitate to contact your Bissantz team. We would be happy to explain how you can deploy your individual reporting applications through the Web.