

# Fact Sheet: Zim<sup>®</sup> 7.1



## The Best Entity-Relationship Platform. Develop Once, Deploy Everywhere.

Zim is a powerful industry-proven database and development language for both Windows<sup>®</sup> and UNIX environments. For over 15 years, customers have taken advantage of this robust environment to create customized data-centric applications that are integral to their core business needs. For client-specific Zim deployment examples, visit [www.zim.biz/customers/dataenabled.html](http://www.zim.biz/customers/dataenabled.html).

Rapid development, decreased time to market, higher productivity and performance, greater flexibility, and reduced development, deployment and maintenance costs are just some of the benefits you will recognize by upgrading to the latest Zim release, Zim 7.1. With its new features and enhancements, Zim 7.1 is the most portable, scalable, robust and connected Zim offering to date. Some of these features and enhancements include Automatic Sequence Number Generation, TUI to GUI Migration Tool, XML Output, as well as improved Zim Object Manager (ZOM), ODBC Driver, and ActiveX<sup>®</sup> Support.

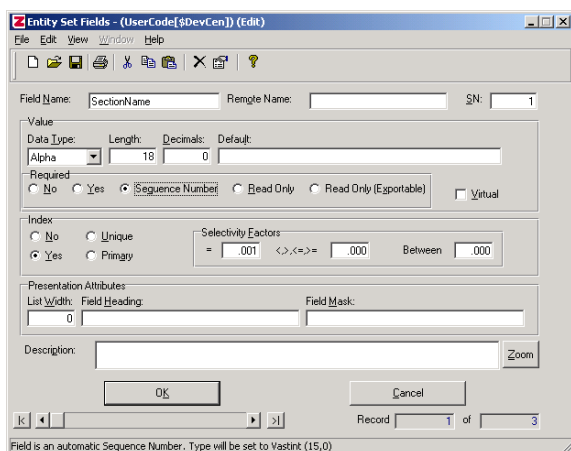
## New Key Benefits

- Applications developed in Zim 7.1 can be easily deployed, without modification, on 8 different platforms. This makes Zim even more suitable to your development and implementation needs, and more adaptable to your existing IT infrastructure, thereby reducing development, deployment and maintenance costs.
- Applications and associated business rules can be developed in Zim with access to many different data sources including: Zim, Oracle<sup>®</sup>, Microsoft<sup>®</sup> SQL Server, IBM<sup>®</sup> DB2<sup>®</sup>, as well as any ODBC compliant data source, ensuring increased performance and productivity.
- Enhanced ODBC Driver ensures higher performance when accessing a Zim database from a third party client, and greater flexibility when designing your systems.
- Lower hardware resource requirements, given that Zim supports heterogeneous environments (Windows/UNIX).
- Ability to extend your application to capitalize on the availability of Internet and wireless networks, such as the global SMS Channel, with its 1 billion users worldwide.

## New Key Features

### Automatic Sequence Numbers Generation

Allows for Sequence Numbers (that can be used as table primary keys) to be created when developing or modifying Zim applications, then automatically generated and assigned to table fields. Therefore, sequence fields can be easily defined in the Development Center (DC), saving time and improving reliability, productivity and performance.

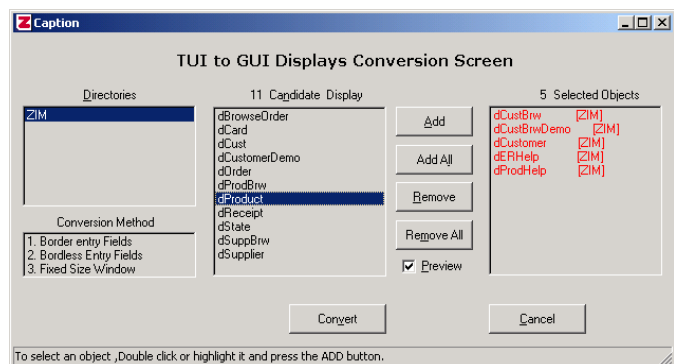


### XML Output

Zim 7.1 is capable of generating XML Output, making it possible to blend XML Style Sheets with Zim XML Output, and have the data ready for display on a web page. It can also be easily used for graphical report generation. Since XML is a common standard, Zim's output can be read by a wide variety of tools.

### Zim TUI to GUI Migration Tool

This is a set of utilities that will assist you in migrating forms, displays and windows developed on Zim 4.2 (TUI-based) to Zim 7.1 (GUI-based). It is also possible to change basic attributes, including Twips per column, Twips per row, fields background and foreground color, and font type, to name a few. You can preview the objects using three different conversion methods - proportional borderless fields, proportional with borders, and fixed size - and easily save the one you chose.



### Greater Portability – Develop Once Deploy Many

Zim 7.1 supports 8 different platforms: Windows, redhat<sup>®</sup> Linux, UnixWare<sup>®</sup>, QNX<sup>®</sup>, HP-UX, IBM-AIX, Sun<sup>™</sup> Solaris<sup>™</sup>, Dec Alpha.



## New Key Features (continued)

### More connected – 4 Server Access Modules (SAMs) available

SAM Oracle (Windows, redhat Linux, QNX, HP-UX, IBM-AIX, Sun Solaris);

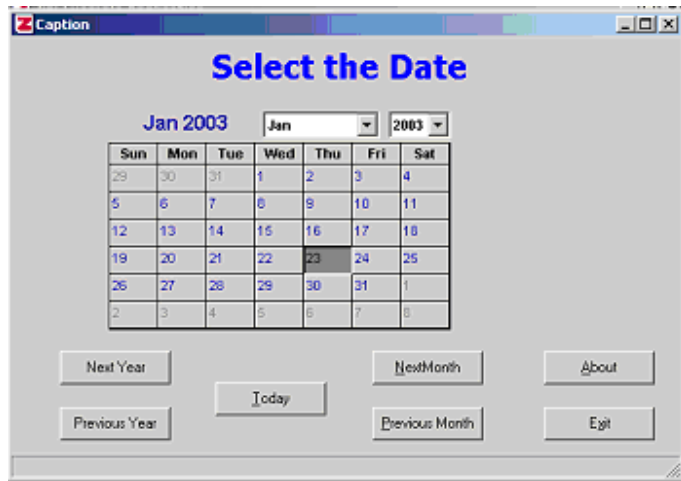
SAM DB2 (Windows, redhat Linux, IBM-AIX);

SAM SQL (Windows);

SAM ODBC (Windows).

### Enhanced ActiveX support

Contains new interactive dialog to program ActiveX objects, which will display all available objects, their methods, properties and applicable Zim syntax. The results are greater flexibility and an improved overall look when developing user interfaces.



## System Requirements

### Windows

Microsoft Windows 98, Windows 2000, Windows NT® 4.0 or higher, and Windows XP.  
Disk space: 20 MB to 64 MB based on number of products to be installed.  
Memory: 32 MB of RAM above current system requirements.

### Contact a ZIM Account Executive

For more details regarding Zim 7.1, upcoming new Zim-related products, as well as ZIM Professional Services, please contact your ZIM account executive, or e-mail us at [info@zim.biz](mailto:info@zim.biz).

### Improved ZOM – Zim Object Manager

ZOM is faster and leaner, resulting in improved systems, database maintenance and performance.

### Enhanced ODBC Driver

Provides extended support to SQL language, thereby giving you greater compatibility with ODBC access tools (including standard syntax to outer and inner joins). Zim 7.1 can connect to many third party clients, including Visual Basic®, Delphi™, and Crystal Reports.

### Zcommand

Zim 7.1 comes with the Zcommand, an Interactive Processing Object that enables access to a Zim database, and has all the capabilities of a Zim multi-user database agent. It can present two different (mutually-exclusive) command interfaces, an operating system command line interface, or a ZIM 1202 Open Protocol interface. Zcommand also has the ability to communicate with other ZIM 1202 compatible objects.

Unlike the existing Zimdbagent, the client does not have to have pre-existing knowledge regarding the nature of the data stored. It is possible for the client to access metadata definitions for the database objects, and dynamically construct a model of the data store.

### Enhanced Screen Painter – on UNIX

Developing on a UNIX Platform is now easier with the new, user-friendly Screen Painter. The improved Screen Painter is compatible with prior Zim versions, which eliminates the need to redesign forms that were developed using previous Screen Painter versions.

### UNIX

HP-UX 11, IBM-AIX 4.3, redhat Linux 7.2, UnixWare 7, QNX 4.23A, Sun Solaris 5.6.  
Disk space: 20 MB to 64 MB based on number of products to be installed.  
Memory: 5 MB of RAM above current system requirements.

For more information on ZIM Technologies and our entire product suite, please visit [www.zim.biz](http://www.zim.biz). If you are interested in receiving news and event updates involving ZIM, please sign up online for e-mail and/or SMS updates. For typical Zim architecture examples, please visit [www.zim.biz/wireless/zim/architectureexamples.html](http://www.zim.biz/wireless/zim/architectureexamples.html).

***Zim and its suite of products are effective choices for rapid development and deployment. Zim technology also enables you to effectively bridge the gap between data and mobility by providing support for ever-increasing data connectivity solutions, through the Internet and wireless networks.***

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