

MapXtreme

Version 9.4

Release Notes

These Release Notes provide information on enhancements and updates made to MapXtreme version 9.4. It also covers bug fixes and other important information for this release.

This document is a supplement to the MapXtreme Developer Guide. In this document we mention release specific information, refer to Developer Guide for complete product information and usage. The Developer Guide is available from these locations:

- PDF version accessible from the Start > All Programs menu under MapInfo > MapXtreme 9.4 > Learning Resources browser
- PDF version on the Precisely support site:
<http://support.precisely.com>



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MapXtreme version 9.4 is a re-branded version of MapXtreme version 9.3. For a list of new features, product enhancements and bug fixes, please see the version 9.3 section of this document.

Known Issues

This release contains the following known issues:

1. If Visual Studio 2017 Enterprise is installed on your machine, the installer copies the MapXtreme Visual Templates to the following location:

```
C:\Program Files (x86)\Microsoft Visual
Studio\2017\Professional\Common7\IDE\ProjectTemplates\MapXtreme 9.4.0
```

Due to this, these MapXtreme Visual Templates might not be visible in the Visual Studio 2017 Enterprise version.

Workaround:

- a. Copy the ZIP files from the following location:

```
C:\Program Files (x86)\Microsoft Visual
Studio\2017\Professional\Common7\IDE\ProjectTemplates\MapXtreme 9.4.0
```

to

```
C:\Program Files (x86)\Microsoft Visual
Studio\2017\Enterprise\Common7\IDE\ProjectTemplates\MapXtreme 9.4.0
```

- b. Copy the following files:

- MapInfo.MapXtreme.VisualStudio.Templates.CS.Project_9.4.vstman
- MapInfo.MapXtreme.VisualStudio.Templates.VB.Project_9.4.vstman

from the following location:

```
C:\Program Files (x86)\Microsoft Visual
Studio\2017\Professional\Common7\IDE\ProjectTemplates
```

to

```
C:\Program Files (x86)\Microsoft Visual
Studio\2017\Enterprise\Common7\IDE\ProjectTemplates
```

- c. Run `devenv /installvstemplates` on the Visual Studio 2017 command prompt.

2. You may select one or more files or a folder as input source files. When selecting a .TAB folder as an input source for interpolation, if the selected .TAB folder contains raster referenced .TAB file, MapInfo may not give the expected result. To avoid this, please ensure that the selected folder contains only vector .TAB files.
3. You may select one or more files or a folder as an input source for gridding. When selecting a .TAB folder as an input source, if the selected .TAB folder contains a raster referenced .TAB file, the gridding operation may not give the expected result. It happens only when you choose a .TAB folder, because the gridding operation does

not distinguish between a raster and a vector .TAB files.

To avoid this, please ensure that the selected .TAB folder contains only vector .TAB files.

Installation Requirements

Precisely has tested and supports MapXtreme 9.4 on the following:

Operating Systems	Windows 10 (x86, x64) Windows 8 and 8.1 (x86, x64) Windows 7 (x86, x64) Windows Server 2016 Windows Server 2012 R2 (x64) Windows Server 2012 (x64) Windows Server 2008 R2 (x64) Windows Server 2008 with SP2 (x86, x64)
Architecture	64-bit 32-bit
Development Framework and IDE Support	Microsoft .NET Framework 4.7.2 Visual Studio 2017 Visual Studio 2015
Browsers	Internet Explorer 10 and above** Firefox 3.5 and higher Chrome 20 and higher
For web application and deployment:	IIS 10 (Windows 10, Windows Server 2012 R2) IIS 8 and above (Windows 8 and 8.1) IIS 7 (Windows Server 2008R2, and Windows 7)
Supported databases	Microsoft Access 2007 and Excel 2007 Microsoft Access 2003 Oracle 12C R2 Oracle 11G (11.1.0.6.0 and 11.1.0.7.0) Oracle 10G, 10GR2 Microsoft SQL Server 2014 Microsoft SQL Server 2012 (with SQL Native Client 11) Microsoft SQL Server 2008 (with SQL Native Client 10)
For data access:	MDAC 2.8

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- * Recommended development environments (IDE). Others can be used, however, the MapXtreme installer will not integrate its templates, samples, and help system.
- ** The MapXtreme Learning Resources displays in Internet Explorer automatically, regardless of your default browser setting. This will not change your default browser setting.

MapXtreme Version 9.3 Release Notes

This document provides information on new and enhanced features that are introduced in MapXtreme 9.3. It also contains information about resolved issues that are important to MapXtreme users.

For more details on these features, refer to MapXtreme Version 9.3 Developer Guide.

What's New in 9.3

- NodeChangingEventArgs\NodeChangedEventArgs now supports multiple nodes: Supports Multiple node selection to expose list of nodes while moving or deleting in a feature.
- Enclose & Convert Polyline to regions functions: Expose/Update an API that will convert geo-object property to POLYLINE/REGION.
- WMS Digest Authentication Methods: Added support for Digest Authentication for web client in MapXtreme.

Bug Fixes

We have fixed the following bugs in 9.3.

Issue Number	Description
MXT-9197	<p>Memory leak in GDI handles:</p> <p>Fixed the GDI handles which were consistently forming when user was trying to generate lots of map images using the Export function from the MapExport class e.g. MapExport.Export().</p> <p>Resolution - Fixed.</p>
MXT-9394, and MXT-9379	<p>MapXtreme Open Street Map server not accessible:</p> <p>Issue with opening Bing OSM_Roads .TAB file using workspace manager. The MapXtreme Open Street Map server was not accessible and throwing error code: 429.</p> <p>Resolution - Fixed.</p>

Issue Number	Description
MXT-9417	<p data-bbox="525 189 987 218">Database Connect Password Limit:</p> <p data-bbox="525 247 1296 313">For Oracle database password Limit > 17 chars getting the following error:</p> <p data-bbox="525 342 1256 425">Unable to establish connection.: Oracle Error: OCI RC=-1, DBMS RC=1005, DBMS Msg=ORA-01005: null password given; logon denied.</p> <p data-bbox="525 447 786 476">Resolution - Fixed.</p>
MXT-9418	<p data-bbox="525 505 1256 535">MapXtreme 9.2 crashes when clicking with the shift key:</p> <p data-bbox="525 564 1296 666">Workspace manager or sample application getting crashed while selecting/clicking with the shift key several times on a Raster image.</p> <p data-bbox="525 695 786 724">Resolution - Fixed.</p>
MXT-9423	<p data-bbox="525 753 1205 782">MapXtreme 9.2 installed alongside an older version:</p> <p data-bbox="525 811 1296 913">Issue with WMS layer - The WMS layer was not opening and causing crash in MapXtreme 7.3 that co-existed with MapXtreme 9.2.</p> <p data-bbox="525 942 786 971">Resolution - Fixed.</p>

Known Issues

This release contains the following known issues.

1. When multiple versions of MapXtreme co-exists on a computer such as MapXtreme 9.2 and MapXtreme 9.3, Visual Studio version 2015 and 2017 show only MapXtreme 9.3 components in the design Toolbox.

To work around this issue, add the missing components by following the steps below:
For example, if you create a sample for MapXtreme 9.2 then you can add the missing components from the toolbox Items.

- Open Visual Studio.
 - In the Toolbox, select the tab where you want to add the control.
 - Right-click the Toolbox and select **Choose Items** from the shortcut menu. The **Choose Toolbox Items** dialog box opens.
 - Select and add the missing components using the dialog box.
 - Click **OK**.
2. When multiple versions of MapXtreme co-exists on a computer such as MapXtreme 9.2 and MapXtreme 9.3, Merge Module (Setup project) for 9.3.0 version results into the write to access violation error (Error code 2908) during installation.

To work around this issue, exclude all *_9.2.0.msm files from the detected dependency of setup project, while creating the setup.

Installation Requirements

Precisely has tested and supports MapXtreme 9.3 on the following:

Operating Systems	Windows 10 (x86, x64) Windows 8 and 8.1 (x86, x64) Windows 7 (x86, x64) Windows Server 2016 Windows Server 2012 R2 (x64) Windows Server 2012 (x64) Windows Server 2008 R2 (x64) Windows Server 2008 with SP2 (x86, x64)
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