

Predict

Release Notes

Version 8.4.1

October 2017

This document applies to Predict Version 8.4.1 and all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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Preface

These Release Notes summarize the new features and enhancements that are provided with Predict Version 8.4.

This documentation is organized under the following headings:

Predict Version 8.4 SP1	
Availability and End of Maintenance	An overview of the operating systems on which this Predict version can be installed and information on the maintenance end of Predict versions.
Prerequisites	Product prerequisites and additional information that you should be aware of before and after installing Predict.
New Features	An overview of the new features in this Predict version.
Documentation Changes	Information on documentation changes with this Predict version.

Notation *vr*s or *vr*:

When used in this document, the notation *vr*s or *vr* represents the relevant product version (see also Version in the *Glossary*).

1 About this Documentation

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Document Conventions

Convention	Description
Bold	Identifies elements on a screen.
Monospace font	Identifies service names and locations in the format <code>folder.subfolder.service</code> , APIs, Java classes, methods, properties.
<i>Italic</i>	Identifies: Variables for which you must supply values specific to your own situation or environment. New terms the first time they occur in the text. References to other documentation sources.
Monospace font	Identifies: Text you must type in. Messages displayed by the system. Program code.
{ }	Indicates a set of choices from which you must choose one. Type only the information inside the curly braces. Do not type the { } symbols.
	Separates two mutually exclusive choices in a syntax line. Type one of these choices. Do not type the symbol.
[]	Indicates one or more options. Type only the information inside the square brackets. Do not type the [] symbols.
...	Indicates that you can type multiple options of the same type. Type only the information. Do not type the ellipsis (...).

Online Information and Support

Software AG Documentation Website

You can find documentation on the Software AG Documentation website at <http://documentation.softwareag.com>. The site requires credentials for Software AG's Product Support site Empower. If you do not have Empower credentials, you must use the TECHcommunity website.

Software AG Empower Product Support Website

If you do not yet have an account for Empower, send an email to empower@softwareag.com with your name, company, and company email address and request an account.

Once you have an account, you can open Support Incidents online via the eService section of Empower at <https://empower.softwareag.com/>.

You can find product information on the Software AG Empower Product Support website at <https://empower.softwareag.com>.

To submit feature/enhancement requests, get information about product availability, and download products, go to [Products](#).

To get information about fixes and to read early warnings, technical papers, and knowledge base articles, go to the [Knowledge Center](#).

If you have any questions, you can find a local or toll-free number for your country in our Global Support Contact Directory at https://empower.softwareag.com/public_directory.asp and give us a call.

Software AG TECHcommunity

You can find documentation and other technical information on the Software AG TECHcommunity website at <http://techcommunity.softwareag.com>. You can:

- Access product documentation, if you have TECHcommunity credentials. If you do not, you will need to register and specify "Documentation" as an area of interest.
- Access articles, code samples, demos, and tutorials.
- Use the online discussion forums, moderated by Software AG professionals, to ask questions, discuss best practices, and learn how other customers are using Software AG technology.
- Link to external websites that discuss open standards and web technology.

Data Protection

Software AG products provide functionality with respect to processing of personal data according to the EU General Data Protection Regulation (GDPR). Where applicable, appropriate steps are documented in the respective administration documentation.

2 Product Availability and End of Maintenance

You can view all available Software AG product versions and check the dates when their maintenance ends by visiting Software AG's Empower web site at <https://empower.softwareag.com/>:

1. Log into Empower.
2. Expand **Products** in the left menu of the page and select **Product Version Availability**
3. Select the required filter criteria from the drop-down list boxes and click on the **SEARCH** button.

A list of supported Software AG products that meet the filter criteria is shown. In addition, the end-of-standard-maintenance dates are indicated in the **EOM** column.

If you mark **Show prior Product Versions**, only product versions that are out of maintenance are listed.

3 Prerequisites

- On Mainframe Platforms 8
- On UNIX Platforms 8
- On Windows Platforms 8

On Mainframe Platforms

The following prerequisites must be met when using Predict on mainframe platforms.

Product Requirements

The products listed in *System Requirements* in the *Predict Installation on Mainframes* documentation must be installed in order to use Predict 8.4.

Other Related Software AG Products

These products are not necessary in order to use Predict, but if they are installed, the prerequisites listed in *Software Requirements for Using Related Predict Products* in the *Predict Installation on Mainframes* documentation must be met.

On UNIX Platforms

The following prerequisites must be met when using Predict on UNIX platforms.

Product Requirements

The products listed in *System Requirements* in the *Predict Installation on UNIX* documentation must be installed in order to use Predict 8.4.

Other Related Software AG Products

These products are not necessary in order to use Predict, but if they are installed, the prerequisites listed in *Software Requirements for Using Related Predict Products* in the *Predict Installation on UNIX* documentation must be met.

On Windows Platforms

The following prerequisites must be met when using Predict on Windows platforms.

Product Requirements

The products listed in *System Requirements* in the *Predict Installation on Windows* documentation must be installed in order to use Predict 8.4.

Other Related Software AG Products

These products are not necessary in order to use Predict, but if they are installed, the prerequisites listed in *Software Requirements for Using Related Predict Products* in the *Predict Installation on Windows* documentation must be met.

4 New Features

- Support of Adabas on Mainframes 12
- Further Topics 12
- Support of Oracle Version 12 13

Support of Adabas on Mainframes

This version of Predict supports further enhancements added to Adabas on Mainframes.

- [Support of Unicode Fields in Superdescriptors](#)
- [Support of Long-Alpha \(LA\) Fields in Super- and Subdescriptors](#)

Support of Unicode Fields in Superdescriptors

With Adabas Version 8.4 and above on Mainframes, it is possible to have W (wide-character) fields in superdescriptors. This is also supported in Predict.

Support of Long-Alpha (LA) Fields in Super- and Subdescriptors

With Adabas Version 6.4 and above on Linux, UNIX and Windows platforms, it is possible to have LA (long-alpha) fields in super- and subdescriptors. This is also supported in Predict.

Further Topics

The following topics are covered:

- [Generation of Natural DDMs](#)

Generation of Natural DDMs

With the option `General comments=N` in the DDM Generation it is possible to suppress comment lines in the DDM source. But this suppresses also the information about the source fields of sub- and superdescriptors. With the option `General comments=D`, it is possible to suppress comment lines but keep the information concerning the source fields of sub- and superdescriptors.

Refer to the description of generation parameters in subsection *Data Definition Module* of the section *Generate for Natural* in the *External Objects in Predict* documentation for details.

Support of Oracle Version 12

This version of Predict supports Oracle Version 12. Several changes and enhancements have been made in various areas of Predict and its documentation.

- [Support of Generation, Incorporation, Comparison and Administration of Oracle Objects](#)
- [New Database Object](#)
- [New Table Attributes](#)
- [New Table Field Attributes](#)

Support of Generation, Incorporation, Comparison and Administration of Oracle Objects

It is now possible to compare, incorporate and administer Oracle objects. The generation options have been widely enhanced.

The section *Oracle* in the *Predict and Other Systems* documentation provides an overview of how Oracle objects can be documented in Predict.

Refer to *Generate for Oracle* in the *External Objects in Predict* documentation for further information on the generation of Oracle tables and views.

Refer to *Incorporating Oracle Tables/Views* in the section *Incorporation of the External Objects in Predict* documentation for further information on the incorporation of Oracle tables and views.

Refer to *Comparing Oracle Tables/Views* in the section *Comparison of the External Objects in Predict* documentation for further information on the comparison of Oracle tables and views.

Refer to *Administering External Files* in the section *Administration of the External Objects in Predict* documentation further information on the administration of Oracle tables and views.

New Database Object

Refer to *Database Type O - Oracle Handler* in the section *Database of the Predefined Object Types in Predict* documentation for further information.

New Table Attributes

Refer to *Oracle Table, File Type OT* in the section *File* of the *Predefined Object Types in Predict* documentation for further information.

New Table Field Attributes

Refer to *DBMS Extensions, Identity definition / Change log* and *Index Definition - Oracle* in the section *Field* of the *Predefined Object Types in Predict* documentation for further information.

5 Documentation Changes

With this version of Predict, an enhanced documentation set is provided. All known problems concerning the documentation were solved and included in this new documentation set.

