Predict

Release Notes

Version 8.5.1

October 2021

ADABAS & NATURAL

This document applies to Predict Version 8.5.1 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 8.5.

This documentation is organized under the following headings:

Predict Version 8.5 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 *vrs* or *vr*:

When used in this document, the notation *vrs* 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 *`folder.subfolder.service`*, APIs, Java classes, methods, properties.
`Italic`	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 **https://documentation.softwareag.com**.

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.aspx** and give us a call.

Software AG Tech Community

You can find documentation and other technical information on the Software AG Tech Community website at **https://techcommunity.softwareag.com**. You can:

- Access product documentation, if you have Tech Community 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 8.5.

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 8.5.

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 8.5.

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 Db2 Version 12 12

Support of Db2 Version 12

This version of Predict supports Db2® Version 12. Several changes and enhancements have been made in various areas of Predict and its documentation.

- Support of Keylabel Names in Storagespaces and Files
- New Option DSSIZE for Partitioned Table Spaces
- Extension of Dataspace
- New Field Option CCSID
- New Field Option Period
- New Option DSSIZE for Index Fields
- Support of Accelerator Tables

Support of Keylabel Names in Storagespaces and Files

Predict now supports encryption using key labels in storagespaces and files of type *D* and *MT*. Refer to the description of the attribute Keylabel name given under *Adding a Storagespace* in the *Predefined Object Types in Predict* documentation.

New Option DSSIZE for Partitioned Table Spaces

For dataspaces of type D (DB2 mainframe dataspaces), the option DSSIZE can be set. DSSIZE in the Partition definition specifies the value of DSSIZE given in the PARTITION clause for that partition.

Refer to the description of the option DSSIZE given under *Defining Partitions* in the *Predefined Object Types in Predict* documentation.

Extension of Dataspace

The object type Dataspace has been extended by 2 new attributes:

- **Pagenum**
  Specifies the type of page numbering that is used when you alter a partition-by-range table space.
- **Insert algorithm**
  Specifies the algorithm that is used when rows are inserted into tables in this table space.

Refer to Defining Basic Attributes of Dataspace - DB2 Mainframe of the *Predefined Object Types in Predict* documentation for further details.

New Field Option CCSID

The field option CCSID has been added to enable the creation of ASCII/Unicode fields in EBCDIC tables.

This option can be used for fields in files of type *D*, *E*, *IV*, *IT*, *MT* and *Z*.

New Field Option Period

The field option period specifies whether the value of the end column is included or excluded in the period BUSINESS_TIME.

This option can be used only for fields named BUSINESS_TIME in files of type *D* and *MT*.

See also *Base Extensions* > *Period* in section *Field* of the *Predefined Object Types in Predict* documentation for further details.

New Option DSSIZE for Index Fields

For index fields in files of type *D* and *MT* the option DSSIZE can be set.

DSSIZE in the *Index Default Definiton* specifies the maximum size for each partition of a partitioned index.

DSSIZE in the *Partition definition* specifies the value of DSSIZE given in the PARTITION clause for that partition.

Support of Accelerator Tables

To support Db2® Accelerator tables, it is now possible to provide an Accelerator name as an attribute for files of type *D* and *MT*.

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.