

Predict

Release Notes

Version 8.5.2

October 2022

This document applies to Predict Version 8.5.2 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.
Changes and Enhancements	Information on changes 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 <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

Product Documentation

You can find the product documentation on our documentation website at <https://documentation.softwareag.com>.

In addition, you can also access the cloud product documentation via <https://www.software-ag.cloud>. Navigate to the desired product and then, depending on your solution, go to “Developer Center”, “User Center” or “Documentation”.

Product Training

You can find helpful product training material on our Learning Portal at <https://knowledge.softwareag.com>.

Tech Community

You can collaborate with Software AG experts on our Tech Community website at <https://tech-community.softwareag.com>. From here you can, for example:

- Browse through our vast knowledge base.
- Ask questions and find answers in our discussion forums.
- Get the latest Software AG news and announcements.
- Explore our communities.
- Go to our public GitHub and Docker repositories at <https://github.com/softwareag> and <https://hub.docker.com/publishers/softwareag> and discover additional Software AG resources.

Product Support

Support for Software AG products is provided to licensed customers via our Empower Portal at <https://empower.softwareag.com>. Many services on this portal require that you have an account. If you do not yet have one, you can request it at <https://empower.softwareag.com/register>. Once you have an account, you can, for example:

- Download products, updates and fixes.
- Search the Knowledge Center for technical information and tips.
- Subscribe to early warnings and critical alerts.
- Open and update support incidents.
- Add product feature requests.

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 Linux 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 Linux Platforms

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

Product Requirements

The products listed in *System Requirements* in the *Predict Installation on Linux* 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 Linux* 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
- Administration of External Objects 14

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 dataspace of type D (DB2 mainframe dataspace), 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 Definition* 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*.

Administration of External Objects

- [New Option Q for Creating Object Handler Workplan](#)

New Option Q for Creating Object Handler Workplan

After you generate a list of implemented files and objects with the `Select implementation` function of the Administration Implemented File menu, you can now use the `Q` option to create an Object Handler Workplan of type `LIST` that contains the DDMs associated with the displayed list.

The `Q` option is only available when running Predict with Natural 9.2 or above.

For more information about the `Select implementation` function, see *External Objects in Predict > Administration of External Objects > Administrating External Files*.

5 Changes and Enhancements

- Predefined Object Types in Predict 16

Predefined Object Types in Predict

File

VSAM

Changes were made regarding the VSAM attributes > VSAM file org and their valid values.

For more information see *Predefined Object Types in Predict > File > VSAM*.

6 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.

