

SAP® MaxDB™ Expert Session

SAP® MaxDB™ & SAP® Content Server - Architecture
News 2015

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SAP® MaxDB™ Expert Session

SAP® MaxDB™ Content Server – Architecture

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2015



News - General Remarks

- Some functionality might have been changed or expanded over the years.
 - Recommendations might have changed.
- ➔ For each expert session an update with the most important changes is published.
- Check the additional remarks after having heard or read the expert session.
 - Feedback to the responsible author is welcome if you recognize outdated information within the session.



Agenda

1. SAP Content Server 6.50 Transactions
2. SAP Content Server 6.50 SAP MaxDB ODBC trace
3. SAP Content Server 6.50 SAP MaxDB Table Structure



SAP Content Server 6.50 Transactions

The error message **"DELE 1b / delete not existing doc1"** delivered through the test report **RSCMSTH0** in the SAP Content Server <= 6.50 SP02 patch 1 can be ignored. Production operation is not affected by this error to any time.

The detailed information is contained in the SAP note **2123649 - RSCMSTH0 double deletion possible with CS 6.50 / SAP MaxDB 7.9.08.27**



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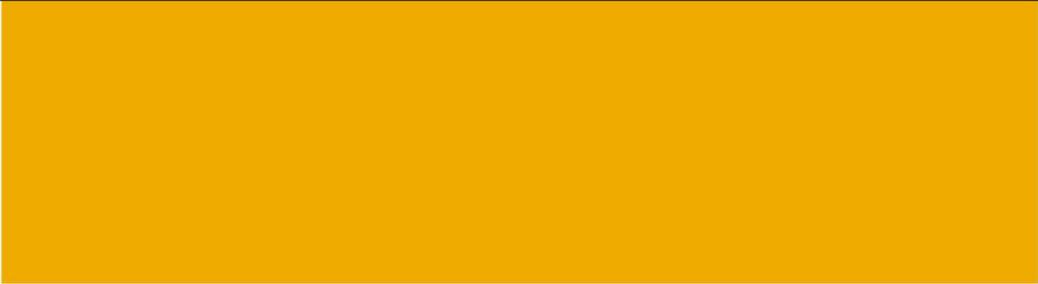


SAP Content Server 6.50: MaxDB ODBC Trace

As of the Version 6.50, the SAP Content Server always uses the ODBC driver version **>= 7.9**. In this ODBC version the special command line tool “**odbc_cons**” is used on all OS.

The exact procedure of the ODBC trace producing is described in SAP note **1428709 - Creating ODBC trace as of ODBC driver 7.7 and higher**

You will find current information about SAP MaxDB ODBC driver in the CS environment in SAP note **822239 - FAQ: SAP MaxDB interfaces** (questions from 21st till 25th).



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SAP Content Server 6.50: Table Structure (I)

The tables **COMPONENTS000x** were extended:
two new additional columns to store documents with size > 2 GB.

NAME	VARCHAR (254) ASCII not null
LVALUE	FIXED (10)
SHORT_VALUE	VARCHAR (3600) BYTE
LONG_VALUE	LONGFILE BYTE
COMPDATEM	DATE
COMPTIMEM	TIME
CONTENTTYPE	VARCHAR (128) ASCII
COMPRESSED	CHAR (1) ASCII
DB_INDEX	INT not null default 0
SUCCESSOR	INT default 0

The primary key of every COMPONENTS000x tables contains now also two columns: the old key column **NAME** and the new added key column **DB_INDEX**.

As of Content Server 6.50 documents with size above 2 GB can now be stored in Content Server. This new feature is currently only available for Unix platforms but it is planned to implement this feature also for Microsoft Windows. To store large documents > 2 Gbyte the table structure of COMPONENTS000x have to be changed.

SAP Content Server 6.50: Table Structure (II)

Depending on Content Server version the structure changes of COMPONENTS000x tables are done in different ways:

- in SAP Content Server **6.50 < SP03** Content Server itself starts the implicit restructuring of a single COMPONENTS000x table during the initial access to the corresponding repository.
If the restructuring takes a long time and influences negatively the productive CS use, the SAP note **2141940 - Availability of Repositories after Upgrade to SAP Content Server 650** can be implemented.
- As of SAP Content Server **6.50 >= SP03** implicit restructuring doesn't exist and the implementation of SAP note **2141940 - Availability of Repositories after Upgrade to SAP Content Server 650** is mandatory.



Thank you

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