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## Technical Articles



**Carine Tchoutouo Djomo**

February 1, 2016 2 minute read

# Getting Started with ABAP Core Data Services

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This page offers a collection of information (presentations, blogs, videos, ...) about the ABAP Core Data Services (CDS) which provide a data modeling infrastructure for defining and consuming semantically rich data models in the ABAP platform – starting with SAP NetWeaver AS for ABAP 7.4 SP05. ABAP CDS is a core technology within SAP S/4HANA, and the ABAP development for SAP HANA in general.

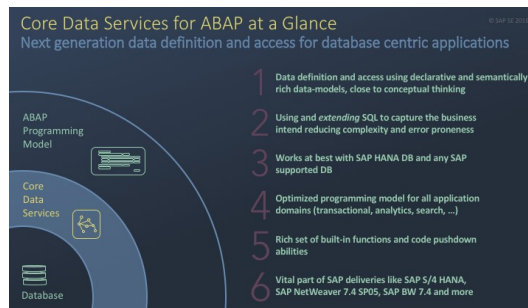
## Latest News :

20.12.18: Safeguard Perf. of ABAP CDS Views – Part 2: HANA SQL Optimizer and Plan Cache



# Overview

- [Overview about ABAP Core Data Services](#)  
(Session DEV200@SAP TechEd 2015)
- [CDS – One Concept, Two Flavors](#)



## Basics for Beginners

- [What is Code Pushdown?](#) (Code-to-Data paradigm)
- [Enhanced ABAP Development with CDS](#) (SAPinsider article)
- [Create your first CDS view](#) (New Data Modeling Feature in ABAP)



## Advanced Topics

- [From Open SQL Joins to CDS Associations](#)
- [Views with Parameters](#)
- [Modification-free Enhancements using View Extensions](#)
- [Table Functions](#) for SAP HANA Breakout Scenarios
- [CDS Annotations](#)
- [CDS Annotations for Metadata-Driven UIs](#)
- [CDS Metadata Extensions](#)
- [Access Control with DCL roles](#)
- [ABAP Unit Testing with the ABAP CDS Test Double Framework](#)
- [Implementation patterns of CDS in SAP S/4HANA](#)



# FAQs, Best Practises, ...

- [ABAP CDS – Tooling FAQs](#)
  - [Performance considerations when using ABAP CDS on anyDB](#)
  - [ABAP CDS on anyDB – Best practice guide](#)
  - [Boost the performance of ABAP CDS views on SAP HANA – Best practices](#)
  - [Safeguard Performance of ABAP CDS Views \(Blog Post Series\)](#)
    - [Part 1 – CDS View Complexity](#)
    - [Part 2 – SAP HANA SQL Optimizer and Plan Cache](#)
- 



## Further Information:

- [Spotlight on ABAP for SAP HANA](#)
- [Getting Started with ABAP Programming Model for Fiori Apps](#) (based on CDS)
- [ABAP CDS in ABAP Dictionary](#) – ABAP Keyword Documentation on SAP Help Portal
- [ABAP CDS: Release-specific changes](#) on SAP Help Portal
- Getting Started: [ABAP Development for SAP HANA – Reference Scenario](#)
- Free openSAP course: [ABAP Development for SAP HANA](#)
- Videos: [ABAP for SAP HANA playlist @Youtube](#)

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[Implementation Patterns for CDS Views in SAP S/4HANA at SAP TechEd 2017](#)

By **Carine Tchoutouo Djomo** , Jan 30, 2018

[Core Data Services in ABAP](#)

By **Former Member** , Feb 22, 2016

[ABAP Core Data Services @SAP TechEd 2015](#)

By **Carine Tchoutouo Djomo** , Feb 25, 2016

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## Related Questions

[ABAP CDS - Date Function - Function DATS\\_IS\\_VALID is unknown](#)

By **Former Member** , Mar 03, 2017

[Core Data Services - Default Aggregation](#)

By **Former Member** , Jan 13, 2017

[Core Data Services and access control](#)

By **Former Member** , Jan 11, 2017

## 3 Comments

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Former Member

[May 4, 2016 at 6:18 pm](#)

Hi Carine,

the link for “Create your first ABAP CDS view” is pointing to same link used for “New Data Modeling Features”, is it correct?

Like (0)



[Carine Tchoutouo Djomo](#) | Post author

[May 11, 2016 at 1:00 pm](#)

Hi Fernanda,

yes, that was the state. I've lightly changed the structure to avoid the confusion.

Kind regards, Carine

Like (0)



Kimberly Holland

August 2, 2018 at 2:04 pm

Hi Carine,

This is amazing! Thank you for such a thorough and organized collection of knowledge sources.

Is there an ABAP CDS home page? If not, this should be the basis for it. Well done!

Best regards,

Kimberly

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