



Toad Neuigkeiten

Johannes Ahrends
CarajanDB GmbH



- Experten mit über 25 Jahren Oracle Erfahrung
- Firmensitz in Erftstadt bei Köln
- Spezialisten für
 - Oracle Datenbank Administration
 - Hochverfügbarkeit (RAC, Data Guard, Failsafe, etc.)
 - Einsatz der Oracle Standard Edition
 - Oracle Migrationen (HW, Unicode, Standard Edition)
 - Replikation
 - Performance Tuning
 - Datenbank Cloning (Delphix, Actifio, CloneDB)
- Fernwartung
- Schulung und Workshops (Oracle, Toad)



... über mich



- **Oracle Spezialist seit 1992**
 - 1992: Presales bei Oracle in Düsseldorf
 - 1999: Projektleiter bei Herrmann & Lenz Services GmbH
 - 2005: Technischer Direktor ADM Presales bei Quest Software GmbH
 - 2011: Geschäftsführer CarajanDB GmbH
- **2011 → Ernennung zum Oracle ACE**
- **Autor der Bücher:**
 - Oracle9i für den DBA, Oracle10g für den DBA, Oracle 11g Release 2 für den DBA
- **DOAG Themenverantwortlicher Datenbankadministration, Standard Edition**
- **Hobbies:**
 - Drachen steigen lassen (Kiting) draußen wie drinnen (Indoorkiting)
 - Motorradfahren (nur draußen)



Kontakt



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- Blogs:
 - blog.carajandb.com
 - www.toadworld.com





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Johannes Ahrends

Toad and Oracle enthusiast

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Community Expert

[in](#) [f](#) [t](#)
Website
<http://www.carajandb.com>
Blog
<http://blog.carajandb.com>

Activity Story Stream

6 Sep 2016

Johannes Ahrends in Oracle

Flashback Functions – One Name, different Techniques

Part 1: Flashback Database Since version 9i there is the term "Flashback" in the Oracle Technology. However it is often hard to harmonize the different terms and corresponding technologies. Let's start with the definitions: Flashback means, at least in the Oracle terminology, that a past state shall be restored. Might be you want to see the state of a data set one hour ago, the table before it was deleted or the change from last month. And here we are at the actual question...

5.2.2016 at 1:19pm

2 Sep 2016

Johannes Ahrends in Oracle

Optimal Flexible Architecture and Grid Infrastructure Management Repository

Even though the Oracle Optimal Flexible Architecture (OFA) is available for decades there are still new aspects for the design of your installation. Just one question: Do you know how ORACLE_BASE is defined? In the past I always set it in the profile for the corresponding user. But after some installations I recognised that even if I missed it there is a variable ORACLE_BASE which points to the right location. Except of one customer of mine. He did not want to follow the complete installation path...

9.2.2016 at 6:28pm

2 Aug 2016

Johannes Ahrends in Oracle

Logfile Housekeeping

There are tons of scripts and various scheduler jobs out in the field to get rid of old logfiles, dumps and traces. Some of them simply use the find command while others are using the ADR command line interface (adrci). There is nothing wrong with those scripts and some of them are still required but for traces and dumps there is a far easier way. With Oracle 11g the new Automatic Diagnostic Repository has been introduced. This tool merges the various logs, traces, dumps, etc. into one central...

8.2.2016 at 3:07pm

29 Jul 2016

Johannes Ahrends in Oracle

Extended Data Types with VARCHAR2(32767)

In the Oracle 12c New Features Guide you will find this sentence: "The maximum size of the VARCHAR2, NVARCHAR2, and RAW data types has been increased from 4,000 to 32,767 bytes. Increasing the allotted size for these data types allows users to store more information in character data types before switching to large objects (LOBs). This is especially useful for brief textual data types and the capabilities to build indexes on these types of columns." (Oracle® Database New Features...

4.25.2014 at 6:23pm

satya1 likes this

satya1 This helped me resolve an issue while converting to 'extended' in 12c.
Many Thanks Johannes Ahrends

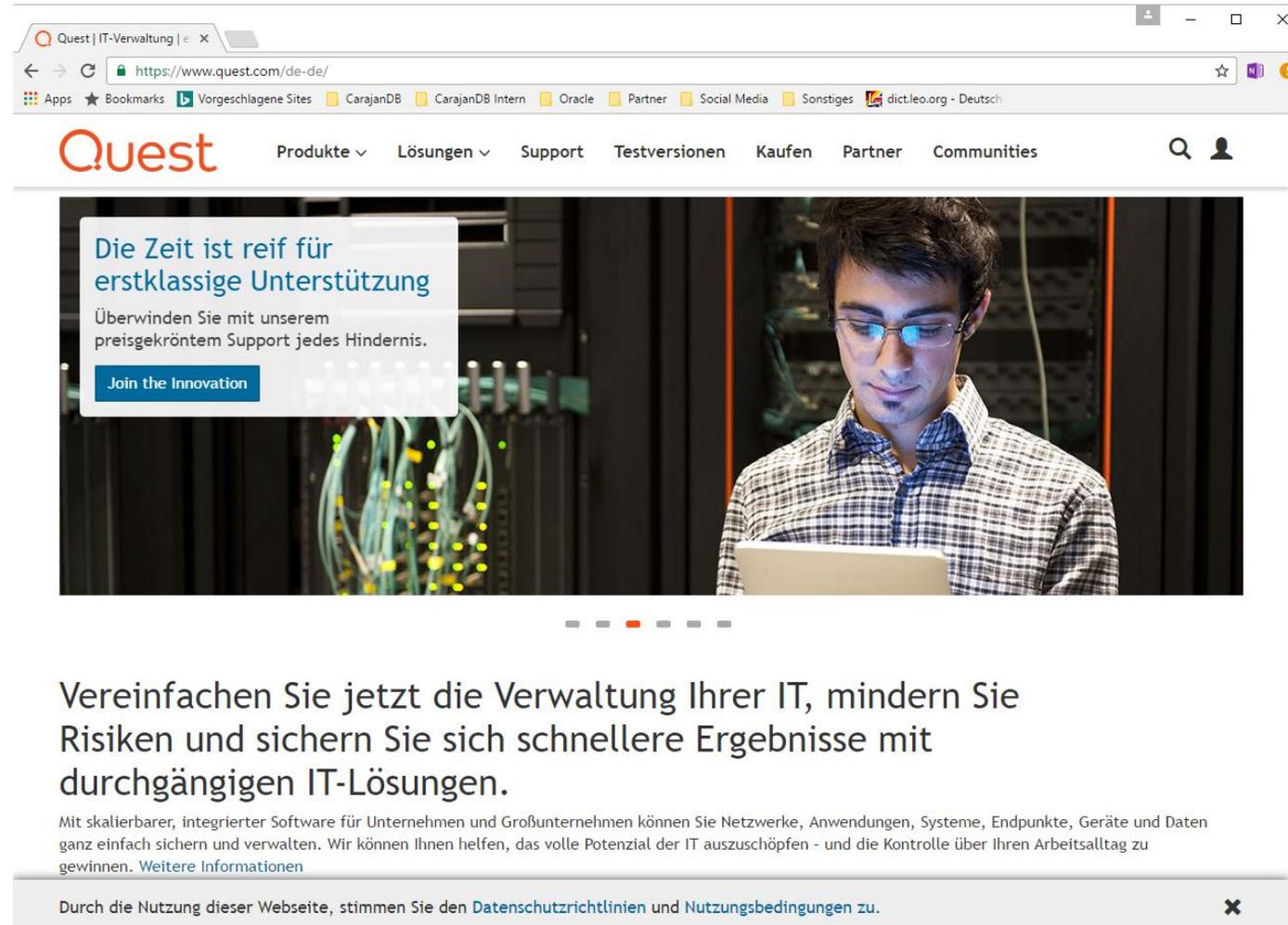
1 month ago /



Raider heißt jetzt Twix

Quest Software ist wieder da!

- Seit 01. November 2016 eigenständige Firma



The screenshot shows the Quest website homepage in German. The browser address bar displays 'https://www.quest.com/de-de/'. The navigation menu includes 'Produkte', 'Lösungen', 'Support', 'Testversionen', 'Kaufen', 'Partner', and 'Communities'. A central banner features a man in a server room looking at a laptop, with a text box that reads: 'Die Zeit ist reif für erstklassige Unterstützung. Überwinden Sie mit unserem preisgekröntem Support jedes Hindernis. Join the Innovation'. Below the banner, the main headline states: 'Vereinfachen Sie jetzt die Verwaltung Ihrer IT, mindern Sie Risiken und sichern Sie sich schnellere Ergebnisse mit durchgängigen IT-Lösungen.' A sub-headline follows: 'Mit skalierbarer, integrierter Software für Unternehmen und Großunternehmen können Sie Netzwerke, Anwendungen, Systeme, Endpunkte, Geräte und Daten ganz einfach sichern und verwalten. Wir können Ihnen helfen, das volle Potenzial der IT auszuschöpfen - und die Kontrolle über Ihren Arbeitsalltag zu gewinnen. Weitere Informationen'. At the bottom, a footer note says: 'Durch die Nutzung dieser Webseite, stimmen Sie den Datenschutzrichtlinien und Nutzungsbedingungen zu.'

Toad 12.10



- Seit 29.09.2016

Quest Products Solutions Support Trials Buy Partners Communities

Welcome, we are now Quest! [Learn more about Support at Quest](#)

Home > Support > Download Software > Toad for Oracle

Toad for Oracle - Download Software

Filter to locate your software, patches, utilities or hot fixes (Choose different product)

12.10 (Latest Product Model/Version) All categories

Customers under current support maintenance contract can download their relevant installation below

Web	Date	Download
Toad for Oracle 12.10 - 2016 Suite 64-Bit (Web)	9/29/2016	↓
Toad for Oracle 12.10 - 2016 Suite 32-Bit (Web)	9/29/2016	↓

Full	Date	Download
Toad for Oracle 12.10 - 2016 Suite 64-Bit (Full)	9/29/2016	↓
Toad for Oracle 12.10 - 2016 Suite 32-Bit (Full)	9/29/2016	↓

MSI (Special Installation Only)	Date	Download
Toad for Oracle 12.10 - 2016 Suites MSI .Zip File	9/29/2016	↓



About Toad for Oracle 2016 Suites

All commercial versions of Toad are bundled with additional Dell Software products, based upon the license that you purchased. These bundles are known as Suites (formerly known as Editions) and include the following:

Toad for Oracle Base Edition

- Toad™ for Oracle®
- Toad™ Data Modeler (free use)
- Toad™ for MySQL Freeware

Toad for Oracle Professional Edition

- Toad for Oracle® Professional
- Toad™ Data Modeler (free use)
- Toad™ for MySQL Freeware

Toad for Oracle Xpert Edition

- Toad for Oracle® Xpert
Includes all features in Base and Professional Editions
- SQL Optimizer for Oracle®

Toad for Oracle Development Suite

- Toad for Oracle® Xpert
- Code Tester for Oracle®
- Benchmark Factory™ for Databases - Oracle® Edition

Toad for Oracle DBA Suite

- Toad for Oracle® Xpert
- DB Admin Module Add-on
- Spotlight™ on Oracle®
Includes Spotlight on Unix/Linux, Spotlight on Windows, and Spotlight on Oracle Data Guard
- Benchmark Factory™ for Databases - Oracle® Suite
- Toad Data Modeler

Toad for Oracle DBA Suite - RAC Edition

- Toad for Oracle® Xpert
- DB Admin Module Add-on
- Spotlight™ on Oracle® with RAC Option
Includes Spotlight on Unix/Linux, Spotlight on Windows, and Spotlight on Oracle Data Guard
- Benchmark Factory for Databases - Oracle® Edition
- Toad Data Modeler

Toad for Oracle DBA Suite - Exadata Edition

- Toad for Oracle® Xpert
 - DB Admin Module Add-on
 - Spotlight™ on Oracle® with RAC and Exadata Options
Includes Spotlight on Unix/Linux, Spotlight on Windows, and Spotlight on Oracle® Data Guard
 - Benchmark Factory for Databases - Oracle® Edition
 - Toad Data Modeler
-

Toad Intelligence Central Integration

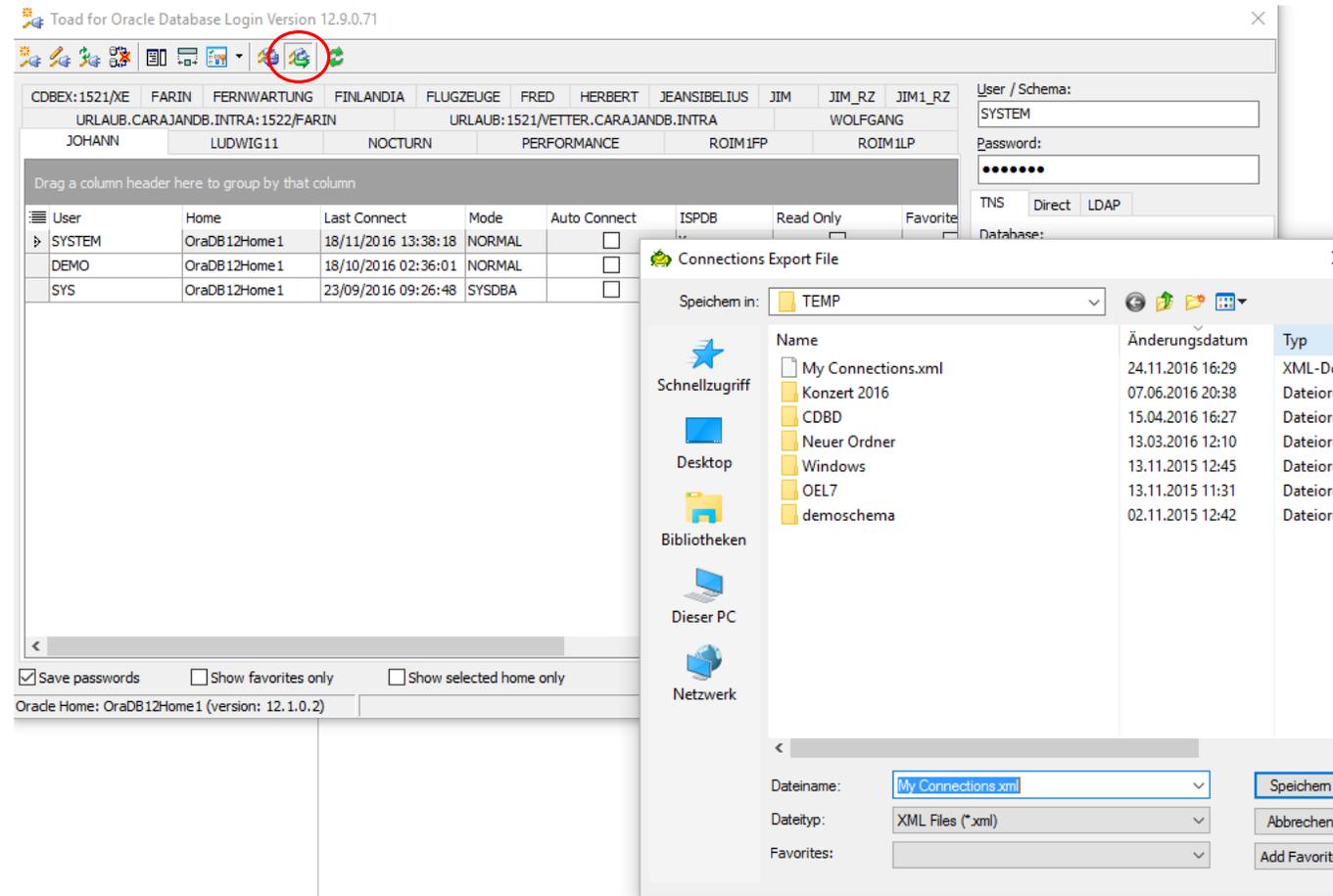


- Informationen in TIC:
 - Team Coding
 - Code Analysis
 - Code Tester
 - Änderungen im Health Check
- Eine gemeinsame Datenbasis (MySQL Datenbank)



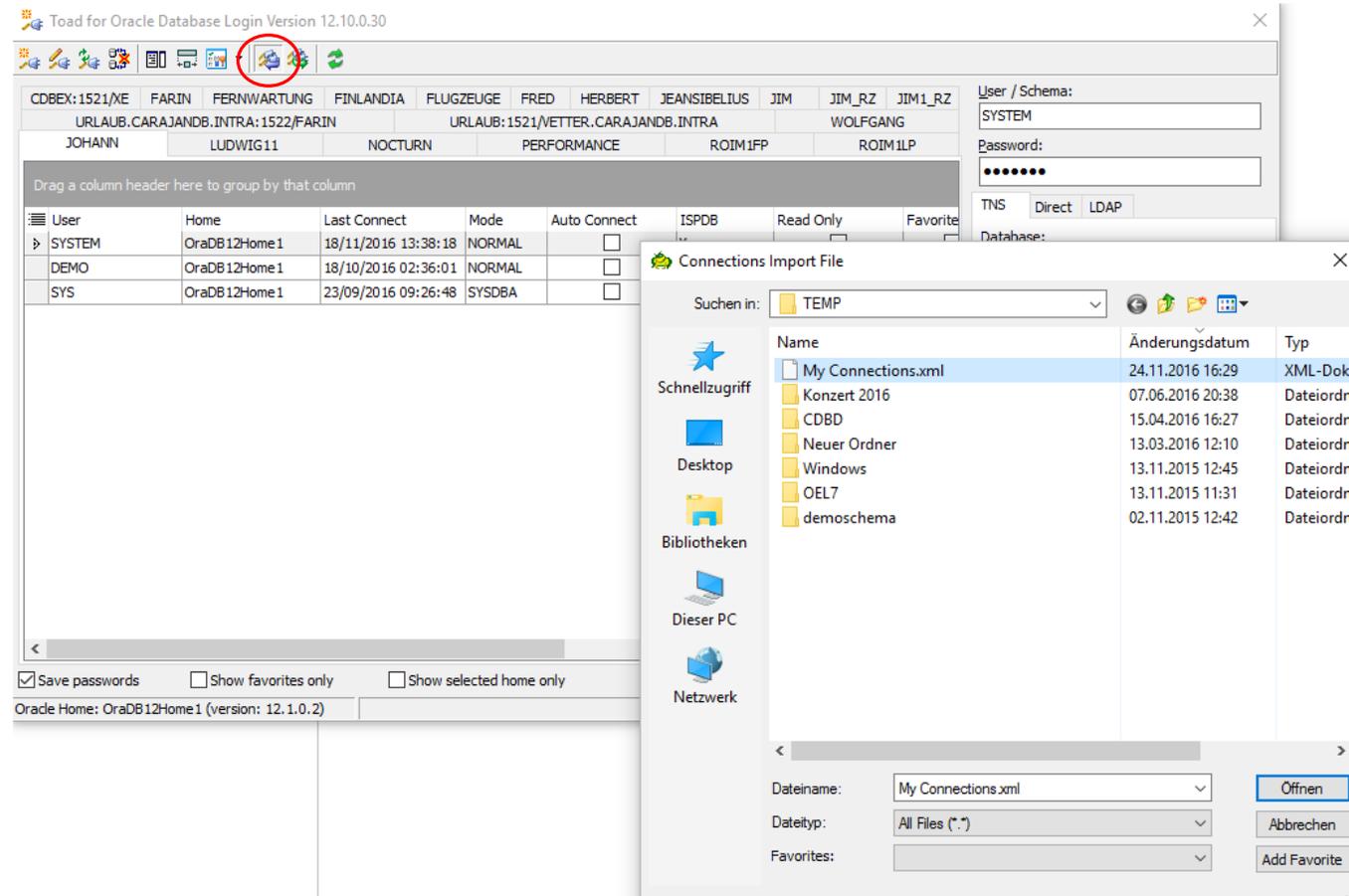
Übernahme von Verbindungen

- Alte Version
- Connections
 - Export



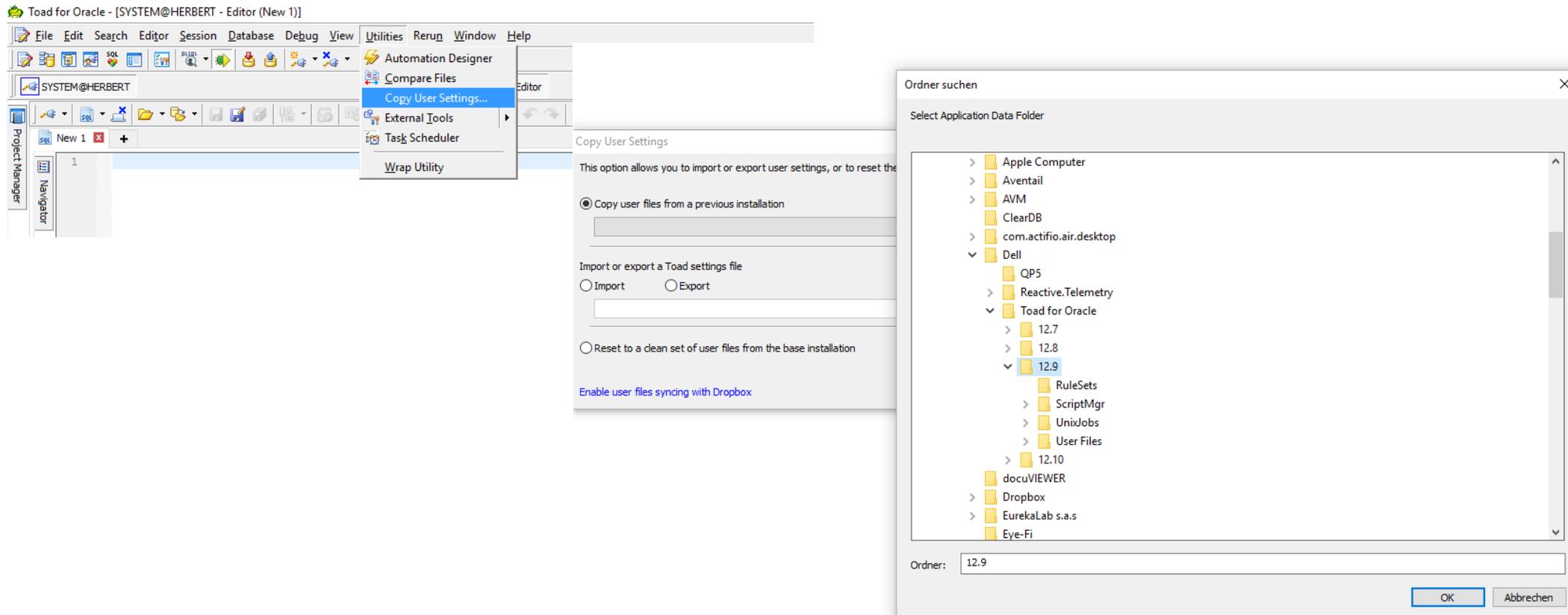
Übernahme von Verbindungen

- Neue Version
- Connections
 - Import
- Passworte nur auf dem selben Rechner



Übernahme von Einstellungen

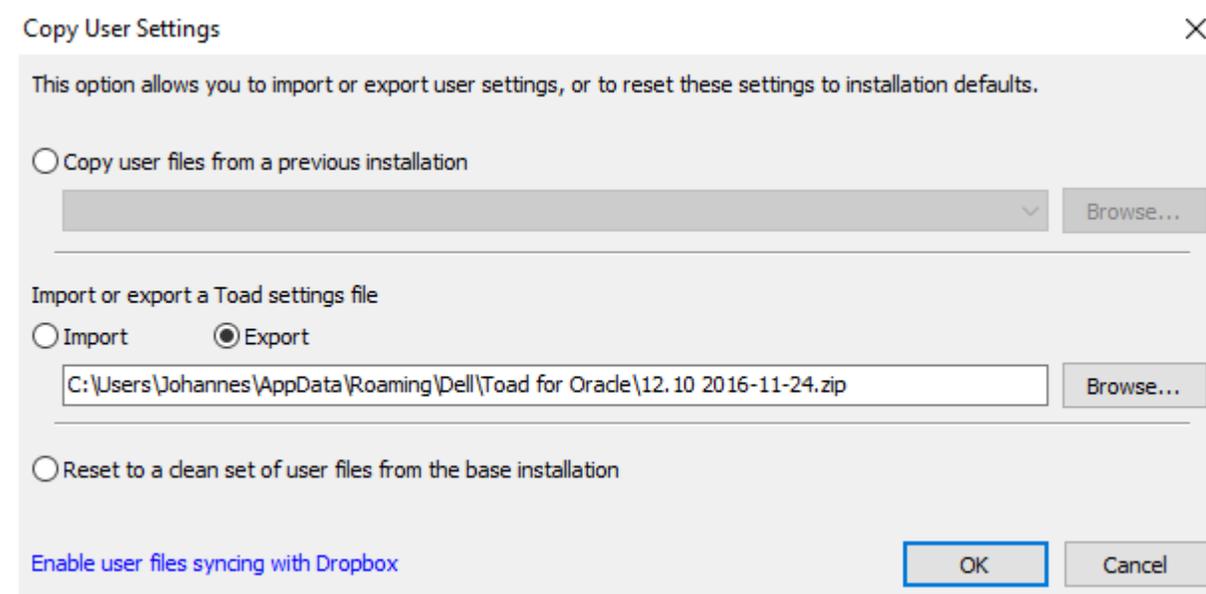
- Utilities
 - Copy Use Settings ...



The screenshot shows the Toad for Oracle interface with the 'Utilities' menu open and 'Copy User Settings...' selected. The 'Copy User Settings' dialog is displayed, showing options to import or export settings. A file selection window titled 'Ordner suchen' is open, showing a tree view of folders. The 'Toad for Oracle' folder is expanded, and the '12.9' version folder is selected. The 'Ordner:' field at the bottom of the file selection window contains the text '12.9'.

Teilen / Verteilen von Einstellungen

- Export / Import User Settings
 - Synchronisation mit Dropbox möglich



SharePlex 8.6.5



- Neue Version seit dem 30. September 2016
 - Replikation von
 - Oracle (10g, 11g und 12c) inklusive Multitenant
 - SQL Server
 - SAP ASE
 - SAP Hana
 - Postgres
 - Teradata
 - Open Target
 - Inklusive Compare / Repair Funktion
 - Sehr gut für Migrationen / Upgrades mit Near Zero Downtime



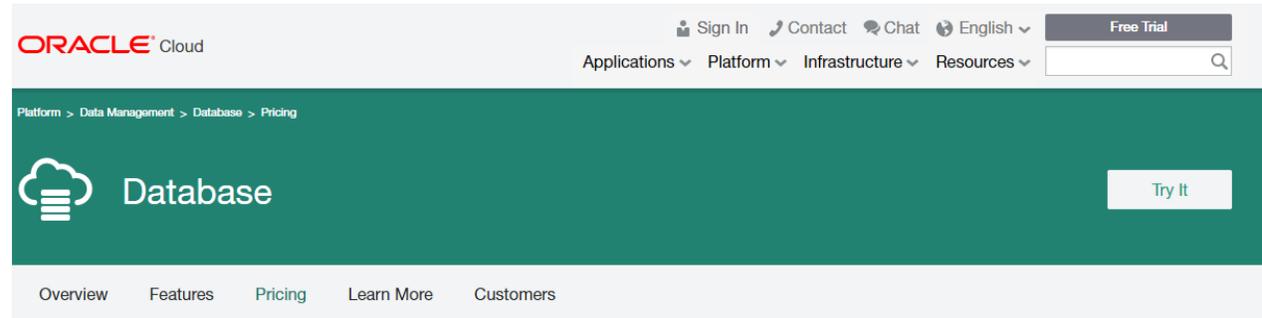


Oracle OpenWorld

Wichtige Neuigkeiten

- Oracle gibt die Version 12.2 zunächst nur für die Cloud frei (Cloud first)
- Oracle Exadata Express Cloud Service
 - Verfügbar seit 21. September 2016 als 12.2
 - Pluggable Database auf einer Exadata
 - Kleinste Stufe 20 GB Storage und 120 GB Datenvolumen pro Monat für \$ 175,00
 - Keine DataPump, SQL*Loader
 - Verschlüsselter SQL*Net Traffic
- 12.2 Dokumentation seit 11. November 2016 verfügbar

Exadata Express Service



ORACLE Cloud

Sign In Contact Chat English

Applications Platform Infrastructure Resources

Free Trial

Platform > Data Management > Database > Pricing

Database Try It

Overview Features Pricing Learn More Customers



Database Service Exadata Service Exadata Express Service

US Dollar

Non-Metered Service

Buy Now

Product	Price	Database Storage Maximum	Database Memory Maximum	Data Transfer Maximum
Exadata Express - X20	\$175.00 / Month	20GB	3GB PGA, 3GB SGA	120GB / Month
Exadata Express - X50	\$750.00 / Month	50GB	5GB PGA, 5GB SGA	300GB / Month
Exadata Express - X50IM	\$950.00 / Month	50GB	5GB PGA, 10GB SGA, 5GB RAM for use with Database In-Memory Column Store	300GB / Month

Each Exadata Express account provides 1 managed Pluggable Database (PDB) of Oracle Database Enterprise Edition, plus relevant options, running on Exadata in Oracle Cloud. Oracle Database client tools and drivers can connect to the cloud PDB via Oracle Net (SQL*Net). The service also includes data access using Oracle REST Data Services (ORDS) and Simple Oracle Document Access (SODA) as well as rapid web application development using pre-configured Oracle Application Express (APEX). Note the X50IM shape includes an additional 5GB of RAM for use with Oracle Database In-Memory Column Store.

Database Service



- Seit 11. November 2016 12.2 generell für Cloud verfügbar
 - Standard Package mit SE 2



The screenshot shows the Oracle Cloud Database Service pricing page. At the top, there are navigation links for Sign In, Contact, Chat, and English. Below that, there are dropdown menus for Applications, Platform, Infrastructure, and Resources. The main heading is 'Database' with a 'Try It' button. Below the heading, there are tabs for Overview, Features, Pricing (selected), Learn More, and Customers. Under the Pricing tab, there are three service options: Database Service (selected), Exadata Service, and Exadata Express Service. A currency dropdown is set to 'US Dollar'. The 'Metered Services' section is highlighted with a 'Buy Now' button.

Product (per OCPU)	General Purpose Compute		High-Memory Compute	
	Per Month	Per Hour	Per Month	Per Hour
Standard Package	\$600.00	\$1.008	\$700.00	\$1.176
Enterprise Package	\$3,000.00	\$5.04	\$3,100.00	\$5.208
High Performance Package	\$4,000.00	\$6.72	\$4,100.00	\$6.888
Extreme Performance Package	\$5,000.00	\$8.401	\$5,100.00	\$8.569

- All packages include Oracle Database Transparent Data Encryption. Standard package includes the Oracle Database Standard Edition. Enterprise package includes the Oracle Database Enterprise Edition. High Performance extends the Enterprise package with the following options: Multitenant, Partitioning, Real Application Testing, Advanced Compression, Advanced Security, Label Security, Database Vault, OLAP, Advanced Analytics, Spatial & Graph, Diagnostics Pack, Tuning Pack, Database Lifecycle Management Pack, Data Masking and Subsetting Pack and Cloud Management Pack for Oracle Database. Extreme Performance package extends the High Performance package with the following options: RAC (Real Application Clusters), In-Memory Database, Active Data Guard.
- This bundled metered service allows you to set and activate the offerings currently available for Oracle Database Cloud Service. Note that the purchase of the 'Pay as you go' service does not require any upfront payment; monthly invoice will be generated based on usage. Discounted pre-paid option is available, learn more [here](#).
- For Compute shapes, see [here](#).
- For more information on Database versions, review the [documentation](#).
- Pricing is based on each individual service. For Database Backup Service and Storage Service charges, review [Database Backup Service pricing](#) and [Storage Service pricing](#).

12.2 Neue Features

- **Erweiterungen im Bereich Multitenant**
 - Local Undo → Flashback Pluggable Database
 - Online Clone auch mit NON-CDB
 - 4096 PDBs pro CDB
 - Multiple Character Sets in einer CDB
 - SGA Parameter für einzelne PDBs
- **Sharding**
 - Neue Architektur – Shared Nothing Prinzip
 - Nur für extrem große Datenbanken
- **Hochverfügbarkeit**
 - Dataguard Database Compare
 - Dataguard Multiple Observers
 - RAC Read Only Nodes

12.2 neue Features (2)

- SQL*Plus Command History
- Real Time Materialized Views
 - Zugriff auf MV, auch wenn die MV Stale ist
- Long Identifiers
 - 128 Byte statt 30 Byte für alle „Identifier“
 - Tabellennamen
 - Spaltennamen
 - ...
- Umfangreicher JSON Support

- Wichtige Themen:
 - Oracle Cloud
 - Multitenant Database
 - Security / Datenschutz
 - Upgrade nach Oracle 12c / 12.2
 - Oracle Enterprise Manager 13.2



Weitere Informationen



- 25. Jan. 16:30 Uhr: Toad User Forum – „Tuning mit Toad“
- 02. bis 03. Feb. 2017: DOAG Noon2Noon (Mainz) „Upgrade nach Oracle 12c“
- 30. bis 31. Mai 2017: DOAG Datenbank Konferenz in Düsseldorf (CfP jetzt offen)



- Eine kleine Weihnachtsgeschichte
 - 2016: Weihnachten 12.2 (=24)
 - blog.carajandb.com



... lassen Sie sich überraschen ;-)



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Fragen?