

# AnyDAC for Delphi v 2.0.15.1163 released

Nov 25, 2009

Added PostgreSQL support for the array and composite data types. The TADScript documented and added few demos.

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## v 2.0.15.1163 (26.11.09)

- + added: PgSQL: support for array and composite types
- + added: Firebird: supported for trusted authentication
- + added: AD-0315: GUIx: Add exception handling control to the TADGUIxFormsErrorDialog
- + added: MSAccess: support for INSERT INTO .. DEFAULT VALUES
- + added: ADExplorer: added support for connection recovery
- + added: Demo: TADScript demos are added
- + added: Help: TADScript is described
- / changed: GUIx: "Advanced Options" captions are renamed into "Options". Few other similar changes.
- / changed: ADDDataSet: dataset constraint error message now is more informative
- / changed: ADDDataMove: in DS -> DS mode data move now will add to mapping only the same named fields
- / changed: TADScript: multiple improvement and code cleanup
- fixed: DApt: AV when monitoring is enabled and SchemaAdapter is using
- fixed: AD-0324: PgSQL: 44000000 is fetched as 4400
- fixed: AD-0322: ADQuery: Does not post update for a field change 0.5 -> 0.05
- fixed: MySQL: stored procedure may fail to return data correctly
- fixed: Oracl: the support of inserting into a field with a sequence in a trigger was half broked
- fixed: MySQL: BIT(1) is mapping to dtByteString, instead of dtBoolean
- fixed: Oracl: does not support ftBoolean parameters
- fixed: GUIx: syntax memo does not correctly use the Delphi syntax highlighting schema
- fixed: AD-0321: ADDDataSet: CopyDataSet may raise AV
- fixed: TADConnection: ExecSQL and ExecSQLScalar do not route an error to the OnError event
- fixed: AD-0320: ADDDataSet: TField.OldValue, NewValue and CurValue does not work in TField.OnValidate
- fixed: AnyDAC may fail if to compile with different aligment, than {\$A8}
- fixed: MySQL: stored procedure does not support BINARY / VARBINARY parameters
- fixed: AD-0319: ADQuery: Multiple issues with dataset editing, locking and transaction handling
- fixed: TADDataSet: "Out of bounds" if add a fkInternalCalc field after creating the normal fields
- fixed: AV in ADScript when connection is losted
- Oracle, MySQL, etc: fails to fetch date column with year < 1900
- Oracle: fails to fetch date column with year < 1900
- fixed: TDBX: fails to fetch resultset with ADT columns ("invalid attribute" on Oracle)
- fixed: ADScript: incorrect error message when command unit is not linked
- fixed: AD-0316: DatS: Constraint checking does not work on the long string columns
- fixed: Conn edit: incorrect links to the wiki
- fixed: ADScript: incorrect error message when command unit is not linked
- fixed: AD-0313: Design time: "TByteField class is not found" exception
- fixed: AD-0312: FB: Some procedures are not shown for StoredProcName

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## v 2.0.14.1109 (27.10.09)

- + added: SQLite: support for PRAGMA = FOREIGN\_KEYS
- + added: DatS: add versioning to the DatS streaming. Added TADResourceOptions.DefaultStoreVersion property.
- + added: TADDataSet: Add Distinct property to TADIndex
- / changed: Phys: now ExtendedMetaData is False by default
- / changed: Phys: reconnection logic will be used for setting Connected to True
- / changed: Phys: Ping method may be used when connection is not active
- / changed: better diagnostic for "factory is not found" error
- / changed: FR4 addon: added D2010 package files, minor fix
- / changed: [IB|PG]ExtendedMetaData renamed to ExtendedMetaData
- / changed: Tools: now is Unicode
- / changed: added uADStanAsync to script engine
- / changed: Stan: Options implementation is reworked to make it possible to implement profiles, etc. Also, now it is few ten % faster.
- fixed: Installer: fails to detect environment with "invalid data type for 'Xxxx'"
- fixed: AD-0286: Installer: Fails to install on D2010 Prof
- fixed: Installer: fails to compile with undefined AnyDAC\_MONITOR
- fixed: D7: Internal error: E5916 on ADConnection.Connected := True

- fixed: AD-0285: TADDataSet: Post/Next statement leads to an infinite loop
- fixed: TADDataSet: assertion is failed if to call Cancel from BeforePost
- fixed: TADDataSet: GetNextPacket returns 0, while there were records fetched
- fixed: AD-0290: TADDataSet: FetchAll does not refresh the DB-controls
- fixed: AD-0294: ASA: AnyDAC fails to connect to ASA v 11
- fixed: MSAcc 2007: "Syntax error in INSERT INTO statement" with TEXT column
- fixed: ADS: few issues
- fixed: ADS: does not support SQL\_C\_NUMERIC
- fixed: AD-0307: Oracle: "Variable length data column [DUMMY] overflow" on connection transfered to DLL & UTF8
- fixed: IB: "Unavailable database" is not recognized as a losted connection
- fixed: AD-0288: IB: Setting IBAdvanced=set\_db\_readonly=0 does not work minor changes for DBX bridge driver
- fixed: AD-0305: PostgreSQL: CurrentSchema returns invalid data. So, metadata is not returned correctly too.
- fixed: AD-0296: PostgreSQL: "Cannot parse object name" is raised on a query with sub-queries
- fixed: AD-0295: MSSQL: Wrong TEXT value fetched from a resultset on D2009
- fixed: AD-0289: MSSQL: Fails to get metainformation, depending on server collation and other related
- fixed: AD-0283: MSSQL: Index Names select for MSSQL 2000 does not work (but works with MSSQL 2005)
- fixed: AD-0282: MSSQL: fails to apply RecsMax and RecsSkip to SELECT DISTINCT ORDER BY
- fixed: ODBC: AV on fetching mkTableFields with Parkway ODBC driver
- fixed: ODBC: Parkway Micro Focus ODBC driver fails to handle SQL\_C\_NUMERIC
- fixed: AD-0293: ODBC: AV when CATALOG\_NAME\_SEPARATOR is empty
- fixed: ODBC: AV on fetching using Parkway Micro Focus ODBC driver
- fixed: FPC / Linux: AV when a client library is not found
- fixed: FPC: fails to reprepare a query
- fixed: AD-0308: DataAbstract / Advantage: DAD does not recognise Advantage AUTOINC fields
- fixed: AD-0306: AV with SafeMM
- fixed: Stan: improved D2010 support in RegExp
- fixed: DatS: BLOB fields are reading as NULL's from XML storage
- fixed: TADParam.Create has wrong argument type
- fixed: ADScript: AV is possible at Destroy
- fixed: AD-0301: DApt: DELETE ... WHERE ID=:ID deletes not records
- fixed: ADMemTable: Setting TField.DefaultExpression does not work
- fixed: Tracer: an exception is created but not raised
- fixed: AD-0299: BDE: Migration of D5 TQuery to D2010 TADQuery fails
- fixed: AD-0297: ADQuery: does not raise an exception if a transaction is specified without a connection
- fixed: AD-0287: fails to call a SP with quoted name and a mixed identifier case
- fixed: AD-0291: GUIx: Connection editor: AV at calling the editor at design time
- fixed: GUIx: exception in dialog component constructors leads to an AV
- fixed: AD-0311: DAbs: AnyDAC DAD fails to compile with the trial AnyDAC version

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v 2.0.14.1078 (09.09.09)

- changed: [IB|PG]ExtendedMetaData renamed to ExtendedMetaData
- changed: now ExtendedMetaData is False by default
- fixed: AD-0299: BDE: Migration of D5 TQuery to D2010 TADQuery fails
- fixed: AD-0297: ADQuery: does not raise an exception if a transaction is specified without a connection
- / changed: Phys: changed uADPhysXxxMeta to use AnsiQuotedStr
- / changed: ADS: few issues fixed
- + added: TADDataSet: Add Distinct property to TADIndex
- fixed: ODBC: Parkway Micro Focus ODBC driver fails to handle SQL\_C\_NUMERIC
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