

# DBN - Change Notes

- 3.0.5023 - December 2015
  - Environment types - editing control for code and data
  - "Cancel" action for unresponsive loads in data editors
  - Outdated sources notification
  - Configurable default editors
  - Recover connections after statement execution errors (MySQL, PostgreSQL)
  - Recover dataset editor after edit errors (MySQL, PostgreSQL)
  - JDWP debugger stability improvements
  - Bug fixes
- 3.0.4912 - October 2015
  - Compatibility with latest IntelliJ EAP
  - Data export - support for file encoding selection
  - Error reporting - send database and driver info
  - Bug fixes
- 3.0.4880 - September 2015
  - Oracle JDWP debug interface (early preview)
  - Cancellable long running operations (method, statement and script executions)
  - Prompt timeout options for method, statement and script executions
  - Option to prompt statement executions
  - Bug fixes
- 3.0.4705 - July 2015
  - Compatibility with latest IntelliJ EAP (15.0)
  - Oracle statement debugging (early preview)
  - Dedicated debugger console (Oracle)
  - More reliable debugger processor (Oracle)
  - Quick object filters in database browser
  - Connection SSH tunnel with key-pair support
  - Support Oracle materialized view indexes
  - Fixed external driver setup issues
  - Messages Tree - highlight new messages
  - Bug fixes
- 3.0.4560 - June 2015
  - Restored URL-based connection setup
  - Fixed external driver issues
  - Bug fixes
- 3.0.4534 - May 2015
  - Idle disconnect on long running operations
  - Fixed serious memory leaks on project close
  - Support for oracle "Service name" connection
  - Fixed oracle sqlplus script execution on mac
  - Various small bug fixes
- 3.0.4513 - May 2015
  - SQL Script execution support (using db command-line client)
  - Oracle TNS Names import (tnsnames.ora)
  - Build-in jdbc drivers support
  - Bug fixes
- 3.0.4412 - April 2015
  - Support for various dark schemes in WebStorm/PhpStorm
  - Redesigned connection setup
  - Support for connection over SSH
  - Connection with empty password option
  - Fixed several Oracle PLSQL syntax issues
  - Bug fixes
- 3.0.4307 - March 2015
  - Object dependency tree
  - Connection credentials interactive dialogs
  - Confirmation options for code editors
  - Session Browser "quick Find Data" support (Ctrl-F)
  - Method execution cursor result "Find Data" support (Ctrl-F)

- General bug fixes and performance improvements
- 3.0.4183 - March 2015
  - Zoom in/out support for data grids (Ctrl-MouseWheel)
  - Remember statement execution variables
  - Remember method execution parameter history
  - Session Browser colors configuration
  - Error reporting improvements (attachments)
  - Settings editor cosmetic updates
  - Minor bug fixes
- 3.0.4012 - February 2015
  - Support for GRANT SQL-statement (Oracle)
  - Database Sessions Browser (all databases)
  - Session disconnect / kill actions
  - Transaction Management options
  - Restore database editors state (folding, selection, cursor position)
  - Minor bug fixes
- 3.0.3821 - February 2015
  - Support for IntelliJ IDEA latest EAP version (14.1)
  - Code completion enhancements (ignore case lookup / enforce code style case option)
  - Method execution/debug intention actions (Alt-Enter)
  - Oracle PLSQL Debugger enhancements (support for record variables)
  - Column parameter info (Ctrl-P) for insert statements
  - Plugin update notification in configuration dialog
  - Discontinued support for IntelliJ IDEA 12.x and related products
  - Minor bug fixes
- 3.0.3674 - January 2015
  - Support for Oracle XMLTYPE editing / method execution
  - Support for BLOB/CLOB method execution arguments
  - Method call parameter info (Ctrl-P)
  - Minor bug fixes
- 3.0.3601 - December 2014
  - Object sorting options in database browser
  - Icon rework for better visibility in dark schemes
  - Support method executions with collection return types (Oracle)
  - Excel 2007 (xlsx) data export format
  - Oracle Type language support
  - Execution logging - Oracle DBMS\_OUTPUT
  - Improved code completion support for local objects
  - Minor bug fixes and improvements
- 3.0.3501 - November 2014
  - Parser improvements and optimizations
  - Explain plan execution support (Oracle)
  - Support for database triggers
  - Language support for XML functions (Oracle)
  - Code completion support for locally defined objects
  - Various bug fixes
- 3.0.3401 - November 2014
  - Support for latest IntelliJ EAP version
  - Support for default project configuration (including connections)
  - Discontinued connection setup on module level
  - Compile error outputs on DDL script execution (Oracle)
  - Support for manually controlled database connectivity
  - Improved statement execution result linkage
  - Improved focus logic on statement execution
  - Various bug fixes and optimizations
- 3.0.3305 - October 2014
  - Support connecting on demand only (i.e. disable auto-connect)
  - Support for multiple SQL consoles per connection
  - "Save Console To File" functionality
  - Statement execution shortcut improvements
  - Support for Oracle trigger syntax
  - Support for Oracle explain plan syntax
  - Bug fixes

- 3.0.3272 - September 2014
  - Support for anonymous "begin / end" blocks (Oracle)
  - Support for alternative delimiter configuration (MySQL)
  - "Hide empty schemas" feature for object browser
  - MySQL DDL file support
  - DDL file formatting and configuration enhancements
  - Structure view enhancements
  - Language parsers support for database versions (postgres)
  - Bug fixes and performance improvements
- 3.0.3192 - August 2014
  - Configurable "tracking" columns (display text attributes, visibility, editable)
  - Datagrid sorting settings (nulls first/last, max number of sorting columns)
  - Postgres table editor (support for Array editing)
  - Postgres SQL language (additional statements support)
  - Oracle SQL (support PIVOT clause)
  - Discontinued support for IntelliJ IDEA 11.x and related products
  - Bug fixes and performance improvements
- 3.0.3145 - July 2014
  - PostgreSQL support (work in progress)
  - Multiple column sorting in dataset editor and query results (Ctrl-Click)
  - Dataset Editor - hide / move columns (persistent state)
  - Improved object lookup functionality (Ctrl-Shift-D)
  - Copy / Paste feature for connection settings
  - Metadata layer performance improvements (use prepared statements)
  - Support for latest IntelliJ IDEA EAP versions
  - Discontinued support for IntelliJ IDEA 10.x and related products
  - Bug fixes and performance improvements
- 3.0.2686 - April 2014
  - Support for latest IntelliJ version
  - Live Templates Ctrl-J (work in progress)
  - "About" page (with "donate" link)
  - Multiple column sorting (work in progress - not released)
  - Method execution result improvements (tree view)
  - Reworked action system to allow multiple editor instances, split and detached editors
  - Bug fixes and performance improvements
- 3.0.2530 - April 2013
  - Support for error reporting directly from IDE
  - Connection timeout and idle time management
  - Memory management improvements (fixed memory leaks on project close)
  - Improved performance for database object lookup (Ctrl+Shift+D)
  - Compatibility with latest IDE version (including EAP)
  - New Icon set (work in progress)
  - Support for dark scheme
  - Minor bug fixes and performance improvements
  - Discontinued support for IntelliJ IDEA 9.x and related products
- 3.0.2349 - August 2012
  - Code formatting (Experimental - work in progress)
  - Customizable data-grid colors and fonts
  - Uncommitted changes overview / prompt dialogs
  - Balloon notifications and activity log entries for several operations
  - Connection Auto-Commit support
  - Support for IntelliJ 12 EAP release
  - Fixed broken user interface with PyCharm and RubyMine
  - Minor bug fixes
- 3.0.2191 - December 2011
  - Support for IntelliJ 11 Beta release
  - Configurable database environments / environment colors
  - Data grid preview popup for BLOB/CLOBs
  - Data search functionality in dataset editors and query results (experimental)
  - Minor bug fixes
- 3.0.2017 - November 2011
  - Support for latest IntelliJ EAP versions
  - Statement generation engine (extract select, insert, ddl statements)
  - Fixes of BLOB editing support
  - Support for database content encoding

- Data Editor - navigate to referenced record
  - Navigation bar improvement for DB objects
  - XML Data Export format
  - Custom number and date/time formats in locale settings
  - Connection setup enhancements (NOTE: you may lose connection custom properties)
  - Minor bug fixes
- 3.0.1911 - August 2011
    - Fixed compatibility issues with Ruby plugin
    - Support for IDEA 10.5 release
    - General bug fixes and performance improvements
- 3.0.1898 - March 2011
    - Support for IDEA X EAP releases
    - Configuration framework changes (NOTE: some of your settings may be reset to default)
    - Object name filters (e.g. Schema filters) on connection level
    - Object type filters on connection level
    - Ability to activate/deactivate connections
    - Oracle OS authentication
    - Fixed memory leak issues with large result-sets
    - General bug fixes and performance improvements
- 3.0.1870 - December 2010
    - Quick SQL sandbox (SQL Console for database connections)
    - Show object detailed information (configurable)
    - Added support for SQL ISO-92 (work in progress - not usable yet)
    - Minor bug fixes
- 3.0.1856 - December 2010
    - Added support for IntelliJ IDEA X (BETA)
    - Discontinued support for IDEA 8.x
    - Improved navigation within PL/SQL code
    - Added code completion for variables and method parameters in PL/SQL code
    - Enhanced database object compiler handling (keep current debug status)
    - Improved object lookup functionality (select connection prompt)
    - Added navigation-bar support for database objects (experimental)
    - Fixed xls data export for select statement results
    - Enhanced xls export data format (make use of regional settings)
    - Added HTML data export processor
    - Persisted data export options
    - Object properties (work in progress)
    - Minor bug fixes
- 3.0.1804 - September 2010
    - Database object lookup (Ctrl-Shift-D) - Experimental phase
    - Improved Debugger breakpoint handling
    - Compatibility version constraint (no support for IDEA X yet)
    - Minor bug fixes
- 3.0.1790 - July 2010
    - Improved dataset filtering usability
    - Restructured compiler controls
    - Added execution engine settings
    - Generally improved performance of SQL / PL-SQL parsers
    - Added support for dynamic execution variables in SQL statements
    - Several bug fixes
- 3.0.1768 - April 2010
    - Multiple tabs for database browsers
    - Database object filters
    - Identifier highlighting (Editor settings > Highlight usages of element at caret)
    - Support for custom driver properties (see DBN-30)
    - Bug fixes
- 3.0.1757 - January 2010
    - Support for CLOB editing (experimental)
    - Fixed compatibility issues with WebIDE and RubyMine
    - Discontinued DB-Module Type (compatibility issues with WebIDE)
    - Minor bug fixes
- 3.0.1741 - December 2009
    - PL/SQL debugger highlighting of invalid breakpoints

- PL/SQL debugger support for watchers and expression evaluations
- Minor bug fixes and cosmetics
- 3.0.1718 - December 2009
  - PL/SQL debugger enhancements (navigable execution frames)
  - PL/SQL language update (support for DECLARE blocks)
  - Support for PL/SQL blocks in SQL files (e.g. program ddl statements, declare blocks)
  - Critical bug fixes and minor cosmetics
- 3.0.1658 - November 2009
  - PL/SQL debugger (experimental phase)
  - Compatibility upgrade to IntelliJ 9.x
  - Enhancements to compiler interface (support for debug compile)
  - Basic user role and privilege support
  - Speed search in database objects browser
  - Performance improvements thru backgroundable tasks
  - Main tool-bar actions moved to file editor header
  - Bug fixes and cosmetics
- 2.0.1391 - September 2009
  - Fixed several syntactical structure definitions of the PL/SQL parser
  - Performance improvements of the identifier resolver for both SQL and PL/SQL
  - Improved sorting / grouping of the structure view model for PL/SQL editors
  - Usability enhancements of method execution history
  - Several other bug fixes
- 2.0.1348 - July 2009
  - Major enhancements of the PL/SQL parser
  - Overall performance enhancements of the parsing engine
  - Record editor/viewer for dataset editors (still experimental)
  - Support for environments running on JRE5
  - Several bug fixes and cosmetics
- 2.0.1301 - April 2009
  - Enhancements of the PL/SQL parser - Still BETA
  - Improved navigation in PL/SQL editors
  - Path storage for driver library - relative to project directory
  - Performance enhancements and bug fixes
- 2.0.1292 - March 2009
  - PL/SQL editor enhancements (code folding, code completion, navigation) - BETA
  - Structure view for PL/SQL code
  - Navigation from package spec to declaration and backwards
  - Performance enhancements of the parsing engine (both SQL and PL/SQL)
  - Bug fixes
- 2.0.1285 - February 2009
  - IntelliJ IDEA 8.x compatibility
  - Regional settings - date and number formats are now configurable (input and display)
  - Dataset editor enhancements - date and text pupups
  - Reformat code can be disabled from code style settings - code formatting still experiences issues
  - Objects factory - only functions and procedures for now
  - Minor bug fixes
- 1.1.0547 - February 2009
  - Persisted editor status for code and data editors
  - MySQL method editing and execution - compatibility issues with 5.x versions
  - Object drop functionality
  - Objects factory - support for procedure and functions (work in progress)
  - Data editor - switch to readonly status and back
  - Minor bug fixes and cosmetics
- 1.0.509 - January 2009
  - SQL editor - code completion enhancements
  - PL/SQL parser (work in progress)
  - DDL file binding to database objects, configurable file extensions
  - Data viewer for database views, like for tables (beta)
  - MySQL compatibility updates
  - Bug fixes
- 1.0.483 - December 2008
  - Objects factory (work in progress)

- Objects browser - performance optimizations of refresh operations
- SQL Parser bug fixes (MySQL)
- 1.0.474 - December 2008
  - Method execution engine (support for declared types)
  - Objects browser reload feature
  - Automatic reload of objects changed in data editor
- 1.0.459 - November 2008
  - Dataset editor - background load operations
  - Method execution engine
  - Enable/Disable constraints and triggers feature (oracle only)
  - Bug fixes
- 1.0.390 (EAP) - October 2008
  - Fixed SQL code completion issue
  - Show compiler messages on "compile invalid objects" operation (Oracle)
  - Fixed MySQL bigint issue DBN-22
  - Minor bug fixes
- 1.0.384 (EAP) - September 2008
  - Added support for MySQL databases (including SQL specific dialect)
  - Enabled navigation and code completion in the editor for database-views
  - Virtual connections for deciding the dialect of the .sql files
  - Minor bug fixes and performance improvements
- 1.0.321 (EAP) - August 2008
  - Data export processors (output formats: excel, csv, sql insert script)
  - Enhanced SQL parser to fully support nested subqueries
  - Performance improvements on the SQL editor
  - Minor cosmetic changes
- 1.0.303 (EAP) - July 2008
  - Technical release. Major redesign of language support engine (preparation for supporting multiple SQL dialects)
  - Partially defined SQL-92 dialect (not published)
  - Enhanced the dataset editor filters
  - Context menu on the table header of the data editor (filter, sort actions)
  - "Compile invalid objects" feature
  - Structure projection for program-objects (functions, packages..) - not navigable
  - Improved "select connection" and "set current schema" editor intentions
  - Several bug fixes and usability improvements
- 1.0.286 (EAP) - May 2008
  - Code completion accuracy considerably improved
  - Added configurable sorting capability on code completion variants
  - Fine tuning on the code formatting engine (still experimental)
  - Added code style configuration to standard IDE settings
  - Added support for preferential case, built in the default code formatting operation
  - Minor bug fixes
- 1.0.258 (EAP) - April 2008
  - Improved SQL code formatting (still experimental phase)
  - Several performance improvements of the SQL editor
  - Per file current-schema selection (used to be per connection)
  - Technically redesigned the oracle meta-data loader
  - Minor bug fixes
- 1.0.237 (EAP) - March 2008
  - Dropped support for 6.0 (please advise if still needed)
  - Introduced database-module type
  - Enhanced declared type handling
- 1.0.228 (EAP) - January 2008
  - Fixed serious memory leaks on project close
  - Added support for db-links (beta)
  - Enhanced DDL file linkage handling
  - Added support for DROP/RENAME/TRUNCATE statements in SQL editor
  - Added support for INSERT/UPDATE/DELETE statements in SQL editor
  - Dataset editor data filters
  - Persisted project DDL file mappings
  - Created product debugging feature (beta)
  - Technically redesigned the settings editor

- Enhanced overall plug-in configurability
  - Data editor custom pop-ups on Alt+Enter (text editor and calendar pop-ups)
  - Data editor suggestions drop-down on Ctrl+Space
  - Overall usability improvements of the data editor
  - Bug fixes and performance improvements\
- 1.0 (EAP) - December 2007
    - Initial release
    - Early access program