

# PSQL v12 SP1 Known Issues

## – General Release – June 2016

PSQL v12 Service Pack 1 (build 12.10.067) had the following known issues at the time of its release. For a list of fixed defects and selected enhancements compared to previous releases, see the PSQL v12 history log, available at the [Actian PSQL website](#).

We recommend you also review the release notes for this and previous PSQL v12 releases and patch updates to confirm broader changes and enhancements, some of which may address the issues listed here.

Issues are grouped under the following headings. They are listed in descending chronological order.

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### Client Requesters/Communications

Tracking Number	Description
59491	Pervasive Auto Reconnect (PARC) does not reconnect when only NetBIOS protocol is set.
57586	When a communication session between client and server is no longer valid status 170 is returned.
57018	PCC says incorrectly "Windows 32-bit only" for Embedded spaces setting.

### Documentation

Tracking Number	Description
58262	Explanation for adding ActiveX controls to a Visual Basic project is out of date.

## I18N

Tracking Number	Description
57338	Fails to bind database with lowercase non-ASCII characters using DTI PvModifyDatabase() function.

## Installation

Tracking Number	Description
PSQL-4122	<p>Unpatched PSQL v11 SP3 with DX 5.10 cannot be upgraded to PSQL v12.</p> <p>If DX 5.10 is installed with PSQL v11 SP3 and PSQL has not already been patched to at least 11.31.055 (Update 14 or later), then PSQL cannot be upgraded to PSQL v12 or PSQL v12 SP1.</p> <p><b>Workaround:</b> Manually update PSQL v11 SP3 to 11.31.055 (Update 14) or later before starting the PSQL v12 or PSQL v12 SP1 installation.</p>
PSQL-3916	<p>Due to a bug in Windows 10, you cannot uninstall PSQL in Start &gt; Settings &gt; System &gt; Apps &amp; Features. Attempting to do so returns the error "Error opening installation log file. Verify that the specified log file location exists and is writable."</p> <p>This behavior has been found to no longer occur in Windows 10.0.14295 (released 25 March 2016) and later updates.</p>
PSQL-3035	<p>On OS X, if PSQL Server or Vx Server are installed using DMG and a firewall is enabled, then during installation a dialog appears asking whether to allow MKDED to accept incoming network connections. If you click Allow, then the firewall is set properly. If you click Deny, then to enable successful incoming connections, you must open firewall settings and manually enable them.</p>
59717	Uninstall after an upgrade install from v10 leaves behind files.
59667	<p>App Event Log reports ""SideBySide"" errors whenever MFC.DLL/MFCU.DLL are loaded from the PSQL install folder though no functional side effects. This is a Microsoft bug as described in <a href="http://social.msdn.microsoft.com/forums/en-US/vcgeneral/thread/3b69bdfc-a1cf-4af8-a2cc-d5c7ba362fdb">http://social.msdn.microsoft.com/forums/en-US/vcgeneral/thread/3b69bdfc-a1cf-4af8-a2cc-d5c7ba362fdb</a>. MFC.DLL and MFCU.DLL are incorrectly manifested with a dependency on 'Microsoft.VC80.MFCLOC' version '8.0.50608.0' instead of version '8.0.50727.762', which is the actual version of the MFC locale assemblies that come with VS2005 SP1.</p>
58626	Linux x64 client uninstall not deleting ../psql/bin folder.
58427	Custom installation using destination path longer than 128 bytes crashes the MicroKernel on Windows 7.
58420	Install cancellation rollback result different than reported when invoked after the service is started.
58355	Update install on top of 10.10 is slow on Vista 64-bit.
58102	PSQL Server install does not detect previous version custom configured WGE service running.
58045	PSQL uninstall does not check for pending reboots on the system.
58042	Command line repair fails if EcliplRCP.cab is not present.
56496	Environment variables for v9 are not cleared in upgrade from v9 to v10.
56300	Bdu command line utility is installed by a V10 client32 utility.
56018	Install not prompting user to uninstall PDAC SDK.
55932	Under high contrast setting, welcome and finish screen text is not readable.

Tracking Number	Description <i>continued</i>
55692	PSQL applications and services not registered with Restart Manager on Windows Vista and later systems.
55591	After installation, the Add/Remove Programs “Modify” option displays features that were disabled during install.

## MicroKernel Engine

Tracking Number	Description
56059	Blank data pages slow query performance. <b>Workaround:</b> Defragment files to reduce or remove blank pages.
56363	Accessing a file using two different symlinks on Windows Vista or Windows 2008 results in status 85 (file locked).  If two applications access a file using two different symlinks, the second open results in status 85 (file locked). For example, if one application opens C:\ProgramData\Pervasive Software\PSQL\Demodata\Class.mkd and another application opens C:\Users\All Users\Pervasive Software\PSQL\Demodata\Class.mkd, the database engine returns status 85. <b>Workaround:</b> Use the same path for each open to access the file.
58003	A B_GET_EQUAL operation on the system key (index 125) copies 244 bytes of the input key buffer even only 8 bytes were passed in. That does not happen on any other index but 125 (system key).
58439	File name is not reported when the system error 604.0.23 (I/O error) is reported.
58686	Large system transaction hangs the MicroKernel. <b>Workaround:</b> Commit multiple smaller transactions.
58720	MKDE opens files read-only when the files are being read by backup software.
58906	Roll forward on file opened in exclusive mode by client will fail with error 88.
60786	Record locks not being counted correctly by “Waits on Page and Record Locks” counter in Windows Performance Monitor.
61173	File locks not being counted correctly by “Waits on File Locks” counter in Windows Performance Monitor.
61283	All remote communications fail if the number of communication threads is set to a number larger than 256.

## Services

Tracking Number	Description
55946	Set data path to ~150 chars and PSQL services fails to start.

## SQL

Tracking Number	Description
PSQL-4090	Correlated query using EXISTS or IN or ANY/ALL gives incorrect results.
PSQL-4084	Engine returns error -5099 when executing stored procedures that mix UTF-8 and DBEnc formats.
PSQL-4075	Engine stops responding when trying to call stored procedure expecting column name to be in CP932 format when it is in UTF-8 format. On the first call, the engine fails to find the column and returns the error "Column being updated does not appear in the view associated with the updatable cursor." On the second call, the engine stops responding.
PSQL-3956	Correlated subqueries with TOP clauses may return incorrect results. A patch to address this issue is in progress.
60361	Alter tables on one database interferes with select query on another database.
59543	Saved views lose user-specified column names.
58630	"Record Too Large" error from MS Access 2007 (escalation 183524).
58404	Create database fails if database deleted then re-created and DDFs exist from previous creation.
57385	SQLForeignKeys() incorrectly returns HY000 instead of HY009 with invalid use of NULL pointer.
57372	Relational engine converts I18N Characters to upper case.
57362	When doing ODBC translation for UTF8 database, space padding is not adjusted.
57345	SQL Engine not matching index definition to existing Btrieve key.
57330	Set owner to a value longer than 24 characters returns an erroneous message.
57216	Database Code Page setting change doesn't take effect until all connections are closed.
57076	Data pulled from cross databases of different encodings is corrupted.
56111	A GRANT LOGIN query with a password greater than 128 bytes successfully creates a user/login in a database with v2 metadata (Note that the max. password length in v2 metadata is 128 bytes), but the password is truncated to 128 bytes and stored in X\$User system table.
56108	On Linux, creating a user with a password of length 129 or greater is crashing the engine.
55807	DROP DATABASE disables user session. Any attempt to switch to another database fails.
55768	Securing a bound database does not stamp existing files correctly.
54781	<p>Executing a stored procedure that contains a print statement inside the PCC or any other GUI tool (such as ODBCTest) may cause the tool to hang.</p> <p><b>Workaround:</b> Modify the PSQL Relational Engine service property to "allow service to interact with desktop." This option is configurable with the "Log On" pane under the service's "Properties" screen.</p>

## Utilities

Tracking Number	Description
PSQL-2977	<p>Attempts to run PSQL command line utilities fail with errors about their being not found. The cause is that the system environment variable for their command prompt window was not updated during PSQL installation.</p> <p>Microsoft describes this Windows 10 issue in its KB article <a href="#">3166232</a>, which states:</p> <p><i>After you install a Windows Installer package that updates a system environment variable in Windows 10, you find that although the system environment variable is updated in the elevated Command Prompt window, it isn't updated in the standard Command Prompt window.</i></p> <p><b>Workaround:</b> Log out and then back in after installing PSQL 12.10, or restart your Windows 10 system.</p>
61587	PCC does not highlight newer Pervasive SQL keywords, such as PCOMPRESS, DATEPART, SOUNDEX, and so forth.
61546	If autoincrement field is zero, a rebuild of the files changes it to highest row number + 1.
60400	DDF Builder Check Table returns errors on indexes with collating sequences.
60108	TIMESTAMP & DATETIME value '1900-01-01' displays '0000-00-00 00:00:00.000' in PCC.
59952	SQL View on Edit Table in PCC has CREATE INDEX statements in alphabetical order instead of key order.
59852	DDFBuilder does not display the SQL Tables of Btrieve files that cannot be found.
59539	<p>Function Executor Clear Owner returns "Incorrect Owner Name" even though a correct owner name is provided.</p> <p><b>Workaround:</b> Open the file with the owner name specified, and then attempt to clear it.</p>
59131	Function Executor throws access violation exception on executing reset operation.
59092	PCC incorrectly calculates the allowed length for strings on Linux when PCC Connection Encoding is Automatic.
58938	PCC does not accurately reflect the Supported Protocols setting.
58738	RBLDCLI does not work from client with remote file.
58611	DDF Builder CheckTable sees LONGVARCHAR columns as a warning.
58602	CLI license administrator gives erroneous 7317 error when attempting to deauthorize a product key.
58545	XIOStats "Open CSV File" returns English errors on a Japanese system.
58543	Setting an encoding crashes PCC.
58524	DDF Builder does not create a new database with default options or with recommended options when directory is not present.
58493	Signing information details about DDF Builder plugin display is in English on a Japanese system.
58379	File types incorrect in PCC Open File dialog.
58341	PCC does not stop infinite loop introduced by execution of a poorly written stored procedure.
58303	w64cliicadm displays a different message to cliicadm when no local engine is present (when client64 is installed).

Tracking Number	Description <i>continued</i>
58287	DDFBuilder log file cannot be displayed on SUSE 11.
58268	CLI license administrator can connect to another server without username and password but the GUI cannot.
58237	Call from cilcadm.exe should start the engine like it did before ELS changes.
58197	ORDER specified for triggers execution is ignored.
58173	Preview of DateTime doesn't show Milliseconds values.
58171	Range description in bcfg for Minimal State Delay is incorrect.
58170	Minimum State Delay units would be better as seconds as in the manual.
58150	PCC GUI allows entering scale higher than precision for numeric data types.
57418	User information in monitor from 64-bit Unix authentication servers is garbled.
57414	PCC displays a "20: Session Security Error" when showing properties of a table in a secure database.
57390	Error refreshing grid after adding a row in PCC.
57343	Problem importing Btrieve schema remotely using DDF Builder.
57335	DDF Builder prompts multiple times for owner name on tables with owner names during database check even if you cancel the operation.
57334	butil @commandfile does not utilize quoted paths correctly.
57310	On SuSE 10.1 PCC may abort with message "line4: 5502 Aborted". This is a known system issue with SuSE 10.1 GTK controls.
57271	Cannot export Btrieve Schema from a remote machine using DDF Builder <b>Workaround:</b> Export the schema locally.
57265	Remote Window DDF Builder cannot see large file with extension going against linux server.
57257	Progress dialog displayed when loading data in the grid has unusable cancel button.
57255	Window DDF Builder does not recognize 5x files on remote Linux servers.
57230	Can't execute a view right after you create it in PCC.
57210	PCC F10 hot key to Execute All SQL Statements does not work on Linux.
57111	DDF Builder will not import btrieve schema remotely against demodata.
57093	Help link for Table Definition Editor throws an error dialog.
57088	DDF Builder does not complain when you try to create a definition on a file with 1 multisegmented key.
57077	DDF Builder does not show preview values for GUID.
57070	When using DDF Builder in a virtual environment the SQL Index pane is very small or can barely be seen.
57056	Create Btrieve File\Key Specification Page isn't scrolling.
56878	COLLATE once specified in PCC is not removed on deletion.

Tracking Number	Description <i>continued</i>
56857	One-column select in PCC on Linux results in grid taking the entire space instead of the width of the column data.
56855	'Master' login name does not show in PCC on Linux as it does on Windows.
56842	CNVDDF.exe returns status 357 and will not convert dictionary.
56779	PCC crashes in FedoraCore8 on Linux when adding a new table. This is caused by a known bug in Sun's JRE. <b>Workaround:</b> turn off some features using the following command: <pre>sed -i 's/XINERAMA/FAKEEXTN/g' \$JAVA_HOME/lib/i386/xawt/libmawt.so</pre>
56681	Invoking DDF Builder plug-in details on 64-bit Linux results in internal error.
56634	DDF Builder creates an invalid definition for an overlapping segment file.
56633	DDF Builder should not allow saving a file with more than 119 indexes.
56490	Cancel does not work on Rebuild GUI Utility.
56051	General failure error while setting the Bound property for a secured database in PCC.
55960	DDF Builder encounters error when operating on files that are held open exclusively by another process. <b>Workaround:</b> Ensure that the files are not held open exclusively by another process.
55396	The PSA functionality "View loaded Pervasive modules" does not list 64-bit PSQL components.
55321	PCC grid cannot display tables with numerous fields. <b>Workaround:</b> Use views or SELECT statements to limit the number of fields displayed in the grid.
54990	Some configuration settings in PCC are missing from a virtual network computing (VNC) session. <b>Workaround:</b> To configure the database engine, use PCC directly on that engine's console or use a remote desktop tool other than VNC.
54785	BDU utility fails when the secured database password is longer than 111 characters.
54446	DDF Builder does not support creating a table definition for a file that uses ISR (International Sort Rules). DDF Builder does not currently provide a warning. To determine whether a data file uses ISR: When a key has one of the ACS flags set, look at the 265 bytes for that ACS. If the signature byte is 0xAC, then it's a user-defined ACS. If the signature byte is 0xAD, then it's a locale-specific ACS. If the signature byte is 0xAE, then it's an ISR.
54434	PCC SQL Editor text mode shows details for only one view.

## Software Developer’s Kit (SDK)

### ActiveX

Tracking Number	Description
53785	ActiveX does not support the DateTime data type.
53784	ActiveX does not support the GUID/UNIQUEIDENTIFIER data type.
53378	ActiveX does not support the entire range of BigInt values.
53342	The ActiveX controls do not update LONGVARCHAR type fields. They read existing data, but if you change the field and do an update/insert, status returns success, but the field has not changed.
52379	DdfPath, Location, and Join buttons cannot be operated from the keyboard.
52378	After connecting to and disconnecting from a remote host, VAccess properties still displays table name and selected fields of the previously connected database.

### ADO.NET

Tracking Number	Description
61748	ADO.NET Provider needs to initialize time stamp values unless they are explicitly set by the application.
61747	Setting the environment variable to trace ADO.NET is not working as stated in the documentation.
61746	IsLNASP property in the PsqlCommand is marked public but should be private.

### Btrieve

Tracking Number	Description
59783	Different status code returned on Windows and Linux when URI lacks @ char in Btrieve operations

### DTI

Tracking Number	Description
55423	PvCopyDatabase() does not work for database with referential integrity (RI), regardless of RI level. PvCopyDatabase API cannot properly copy tables with RI constraints. The copied tables with RI constraints return status 73 on open attempts.

### DTO

Tracking Number	Description
52548	DTO does not have the following DTI functionality: PvGetTableStat(), database flags indicating the Btrieve security policy of the database. (P_DBFLAG_DBSEC_AUTHENTICATION, P_DBFLAG_DBSEC_AUTHORIZATION).
52548	DtoSession.Property(dtoAccessRights), DtoSession.Property(dtoConnectionType), DtoLicenseMgr.Licenses collection appear in object browser but are not implemented in this release.



## JCL

Tracking Number	Description
61583	JCL uses the same credentials for DTI and secure databases, which usually fails during a connection and returns status code 20.
58323	JCL SDK Package is missing PVIDEODB's dbbackup folder and contents.

## JDBC

Tracking Number	Description
57926	ESC 179802: JDBC returns DATE, TIME and TYPESTAMP as java.sql.Types 9, 10, 11 instead of the expected 91, 92 and 93.
56564	An exception is returned when using JDBC with 64-bit version of JRE.

## OLEDB

Tracking Number	Description
58146	Memory leak running .net application using Pervasive OLEDB.
55994	Pervasive OLEDB Provider does not work with a database set to "mixed" mode security. <b>Workaround:</b> Use MSDASQL Provider instead.

## PDAC

Tracking Number	Description
59437	PDAC PvTable returns status 12 when listing tables with v2 metadata.
57363	PDAC does not support the BIGINT data type. The BIGINT data type is an 8-byte integer. PDAC maps BIGINT to SQL_DECIMAL and manipulates data as SQL_C_CHAR type.
48812	PDAC cannot connect to database if security set for DefaultDB.