Pervasive PSQL v11 SP3 Known Issues
General Release – January 2013

Known Issues

The General Release of Pervasive PSQL v11 SP3 has the following known issues. For a list of fixed defects included in this release, see the History file, available at the Pervasive Web site.

Client Requesters/Communications

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57586	When a communication session between client and server is no longer valid status 170 is returned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

Documentation

Tracking Number	Description
58262	Explanation of how to add ActiveX controls to a Visual Basic project is out of date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
55591	After installation, the Add/Remove Programs "Modify" option displays features that were disabled during install
55692	PSQL applications and services not registered with Restart Manager on Windows Vista and later systems
55932	Under High contrast setting welcome and finish screen text is not readable
56018	Install not prompting user to uninstall PDAC SDK
56300	bdu command line utility is installed by a V10 client32 utility
56496	Environment variables for v9 are not cleared on upgrading from v9 to v10
58042	Command line repair fails if EclipRCP.cab is not present
58045	PSQL uninstall does not check for pending reboots on the system
58102	PSQL Server install does not detect previous version custom configured WGE service running
58355	Update install on top of 10.10 is slow on Vista 64 bit
58420	Install cancellation rollback result different than reported when invoked after the service is started
58427	Custom installation using destination path longer than 128 bytes crashes the MicroKernel on Windows 7
58626	Linux x64 client uninstall not deleting .../psql/bin folder

Tracking Number	Description *continued*
59667	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 http:/ /social.msdn.microsoft.com/forums/en-US/vcgeneral/thread/ 3b69bdfc-a1cf-4af8-a2cc-d5c7ba362fdb. 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.
59717	Uninstall after an upgrade install from v10 leaves behind files
59869	Uninstall of Client32 and Client64 leaves two RCP folders in registry

MicroKernel Engine

Tracking Number	Description
56059	Query performance slow with blank data 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. Workaround: 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. Workaround: 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

Tracking Number	Description *continued*
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.
61668	Random crash of Cache Engine may occur during page refresh. (Escalation 223534) (Expect a fix in SP3 Update 1)
61773	Parallel transactional inserts with locks can result in status code 5 on multi-core machine under heavy load. (Escalation 229283)

Services

Tracking Number	Description
55946	Set data path to ~150 chars and Pervasive PSQL services will not start

SQL

Tracking Number	Description
54781	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. Workaround: 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.
55768	Securing a bound database does not stamp existing files correctly.
55807	DROP DATABASE disables user session. Any attempt to switch to another database fails.
56108	On Linux, creating a user with a password of length 129 or greater is crashing the engine.

Tracking Number	Description *continued*
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.
57076	Data pulled from cross databases of different encodings is corrupted
57216	Database Code Page setting change doesn't take effect until all connections are closed
57330	Set owner to a value longer than 24 characters returns an erroneous message
57345	SQL Engine not matching index definition to existing Btrieve key
57362	When doing ODBC translation for UTF8 database, space padding is not adjusted
57372	Relational engine converts I18N Characters to upper case
57385	SQLForeignKeys() incorrectly returns HY000 instead of HY009 with invalid use of NULL pointer
58404	Create database fails if database deleted then re-created and DDFs exist from previous creation
58630	"Record Too Large" error from MS Access 2007 (escalation 183524)
59543	Saved views lose user-specified column names
60361	Alter tables on one database interferes with select query on another database
61777	SQL can have long delay before returning status code 84 on a locked record
61807	SELECT * INTO not working across databases. (Expect a fix in SP3 Update 1)
61830	"General Error" seen if OUTER JOIN uses a CONSTANT column. (Escalation 231167) (Expect a fix in SP3 Update 1)
61836	Psp_indexes sometimes reports a field twice. (Escalation 231333) (Expect a fix in SP3 Update 1)
61837	Incorrect results returned if query involves temp table and CONCAT of non-string columns (Escalation 230353) (Expect a fix in SP3 Update 1)

System Driver

Tracking Number	Description
56575	XIO is not supported in the Microsoft cluster environment

Utilities

Tracking Number	Description
54434	PCC SQL Editor text mode only shows details for one view
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. How to determine if 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.
54785	BDU utility fails when the secured database password is longer than 111 characters
54990	Some configuration settings in PCC are missing from a virtual network computing (VNC) session. Workaround: To configure the database engine, use PCC directly on that engine's console or use a remote desktop tool other than VNC.
55321	PCC grid cannot display tables with numerous fields. Workaround: Use views or SELECT statements to limit the number of fields displayed in the grid.
55396	The PSA functionality "View loaded Pervasive modules" does not list 64-bit Pervasive PSQL components
55960	DDF Builder encounters error when operating on files that are held open exclusively by another process. Workaround: Ensure that the files are not held open exclusively by another process.
56051	General failure error while setting the Bound property for a secured database in PCC
56490	Cancel does not work on Rebuild GUI Utility

Tracking Number	Description *continued*
56633	DDF Builder should not allow saving a file with more than 119 indexes
56634	DDF Builder creates an invalid definition for an overlapping segment file
56681	Invoking DDF Builder plug-in details on 64-bit Linux results in internal error
56779	PCC crashes in FedoraCore8 on Linux when adding a new table. This is caused by a known bug in Sun's JRE. Workaround: turn off some features using the following command: `sed -i 's/XINERAMA/FAKEEXTN/g' $JAVA_HOME/ lib/i386/xawt/libmawt.so`
56842	CNVDDF.exe returns status 357 and will not convert dictionary
56855	'Master' login name does not show in PCC on Linux as it does on Windows
56857	One-column select in PCC on Linux results in grid taking the entire space instead of the width of the column data
56878	COLLATE once specified in PCC is not removed on deletion
57056	Create Btrieve File\Key Specification Page isn't scrolling
57070	When using DDF Builder in a virtual environment the SQL Index pane is very small or can barely be seen
57077	DDF Builder does not show preview values for GUID
57088	DDF Builder does not complain when you try to create a definition on a file with 1 multisegmented key
57093	Help link for Table Definition Editor throws an error dialog
57111	DDF Builder will not import btrieve schema remotely against demodata
57210	PCC F10 hot key to Execute All SQL Statements does not work on Linux
57230	Can't execute a view right after you create it in PCC
57255	Window DDF Builder does not recognize 5x files on remote Linux servers

Tracking Number	Description *continued*
57257	Progress dialog displayed when loading data in the grid has unusable cancel button
57265	Remote Window DDF Builder cannot see large file with extension going against linux server
57271	Cannot export Btrieve Schema from a remote machine using DDF Builder Workaround: Export the schema locally.
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.
57334	butil @commandfile does not utilize quoted paths correctly
57335	DDF Builder prompts multiple times for owner name on tables with owner names during database check even if you cancel the operation
57343	Problem importing Btrieve schema remotely using DDF Builder
57390	Error refreshing grid after adding a row in PCC
57414	PCC displays a "20: Session Security Error" when showing properties of a table in a secure database
57418	User information in monitor from 64-bit Unix authentication servers is garbled
58150	PCC GUI allows entering scale higher than precision for numeric data types
58170	Minimum State Delay units would be better as seconds as in the manual
58171	Range description in bcfg for Minimal State Delay is incorrect
58173	Preview of DateTime doesn't show Milliseconds values
58197	ORDER specified for triggers execution is ignored
58237	Call from clilcadm.exe should start the engine like it did pre latest els changes
58268	CLI license administrator can connect to another server without username and password but the GUI cannot
58287	DDFBuilder log file cannot be displayed on SUSE 11

Tracking Number	Description *continued*
58303	w64clilcadm displays a different message to clilcadm when no local engine is present (when client64 is installed).
58341	PCC does not stop infinite loop resulting from stored procedure execution
58379	File types incorrect in PCC Open File dialog
58493	Signing information details about DDF Builder plugin display is in English on a Japanese system
58524	DDF Builder does not create a new database with default options or with recommended options when directory is not present
58543	Setting an encoding crashes PCC
58545	XIOStats "Open CSV File" returns English errors on a Japanese system
58602	CLI license administrator gives erroneous 7317 error when attempting to deauthorize a product key
58611	DDF Builder CheckTable sees LONGVARCHAR columns as a warning
58738	RBLDCLI does not work from client with remote file
58938	PCC does not accurately reflect the Supported Protocols setting
59018	Pvmdconv utility creates corrupted v2 database when converting v1 database to v2 database if foreign keys are defined. Workaround: Recreate the SQL tables and database in v2 and then populate with data.
59092	PCC incorrectly calculates the allowed length for strings on Linux when PCC Connection Encoding is Automatic
59131	Function Executor throws access violation exception on executing reset operation
59539	Function Executor Clear Owner returns "Incorrect Owner Name" even though a correct owner name is provided. Workaround: Open the file with the owner name specified, and then attempt to clear it.
59852	DDFBuilder does not display the SQL Tables of Btrieve files that cannot be found

Tracking Number	Description *continued*
59952	SQL View on Edit Table in PCC has CREATE INDEX statements in alphabetical order instead of key order
59978	PCC executes query by simply selecting the query tab
60046	GUI phone activation utility on Linux takes a long time to time out
60108	TIMESTAMP & DATETIME value '1900-01-01' displays '0000-00-00 00:00:00.000' in PCC
60400	DDFBuilder Check Table returns errors on indexes with collating sequences
61546	If autoincrement field is zero, a rebuild of the files changes it to highest row number + 1
61587	PCC does not highlight newer Pervasive SQL keywords, such as PCOMPRESS, DATEPART, SOUNDEX, and so forth

Software Developer's Kit (SDK)

ActiveX

Issue Number	Description
52378	After connecting to and disconnecting from a remote host, VAccess properties still displays table name and selected fields of the previously connected database
52379	DdfPath, Location, and Join buttons cannot be operated from the keyboard
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.
53378	ActiveX does not support the entire range of BigInt values
53784	ActiveX does not support the GUID/UNIQUEIDENTIFIER data type
53785	ActiveX does not support the DateTime data type

ADO.NET

Issue Number	Description
61746	"IsLNASP" property in the PsqlCommand is marked public, but should be private
61747	Setting the environment variable to trace ADO.NET is not working as stated in the documentation
61748	ADO.NET Provider needs to initialize timestamp values unless they are explicitly set by the application
61848	ADO.NET Provider SDK 3.5 is not installing ADO.NET Provider templates when .NET CLR 2.0 is unavailable. (Expect a fix after the release candidate.)

Btrieve

Issue Number	Description
59783	Different status code returned on Windows and Linux when using URI w/missing '@' char in Btrieve operations
61616	Status code 1 results on End Transaction operation when local Version operation is made inside a remote transaction
61808	Status codes 73, 170, and 171 errors seen when another Btrieve application has a process ID greater than 65536

DTI

Issue 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.
58153	Enumerated Types in DTO & DTI do not include Numeric even digit flag

DTO

Issue Number	Description
52546	DtoSession.Property(dtoAccessRights), DtoSession.Property(dtoConnectionType), DtoLicenseMgr.Licenses collection appear in object browser but are not implemented in this release.
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).
58153	Enumerated Types in DTO & DTI do not include Numeric even digit flag

JCL

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

JDBC

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

OLEDB

Issue Number	Description
55994	Pervasive OLEDB Provider does not work with a database under "mixed" mode security. Workaround: Use MSDASQL Provider instead.
58146	Memory leak running .net application using Pervasive OLEDB.

PDAC

Tracking Number	Description
48812	PDAC cannot connect to database if security set for DefaultDB
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.
59437	PDAC PvTable returns status 12 when listing tables with v2 metadata
61816	PDAC for XE3 does not correctly handle BCD for 64-bit integers