InterSystems CACHÉ

Make Applications Faster

Caché Supported Platforms

Version 5.0.17
30 June 2005

Caché Supported Platforms
Caché   Version 5.0.17   30 June 2005
Copyright © 2005 InterSystems Corporation.
All rights reserved.

This book was assembled and formatted in Adobe Page Description Format (PDF) using tools and information from the following sources: Sun Microsystems, RenderX, Inc., Adobe Systems, and the World Wide Web Consortium at www.w3c.org. The primary document development tools were special-purpose XML-processing applications built by InterSystems using Caché and Java.

For Support questions about any InterSystems products, contact:

InterSystems Worldwide Customer Support
Tel: +1 617 621-0700
Fax: +1 617 374-9391
Email: support@InterSystems.com

Table of Contents

List of Tables

1

Caché Supported Platforms

Caché runs on the platforms listed below. Refer to the Caché Installation Guide for memory and disk-space requirements. This document contains the following sections:

- Supported Technologies
- Supported Languages
- Supported Caché Version Interoperability

1.1 Supported Technologies

The technologies that Caché supports are categorized by the following:

- Supported Operating Systems
- CSP Supported Web Servers
- CSP Supported Web Browsers
- ODBC Driver Supported Platforms
- Supported C++ Client Platforms
- Supported Caché SQL Gateway Databases
- Supported Enterprise Java Beans Servers
- Windows Components Supported Platforms

1.1.1 Supported Operating Systems

Caché 5.0 supports the following operating system platforms:

Platform	Operating System Releases	SQL Gateway	Notes
Apple	Mac OS X 10.3, 10.4	No	WebLink and DDP networking not supported
HP Alpha	OpenVMS 7.2-2, 7.3-1, 7.3-2	No	
HP Alpha	Tru64 UNIX 5.1, 5.1A, 5.1B	No	
HP (PA-RISC)	HP-UX 11, 11i v1, 11i v2	Yes	32-bit kit for 11; separate 32- and 64-bit kits for 11i v1; 64-bit kit for 11i v2
HP (Itanium)	HP-UX 11i v2	Yes	64-bit kit
IBM pSeries	AIX 4.3.3, 5.1, 5.2, 5.3[1]	Yes	32-bit kit for 4.3.3; separate 32- and 64-bit kits for 5.x
Red Hat Enterprise Linux AS (Intel 32-bit)	2.1, 3, 4	Yes	
Red Hat Enterprise Linux AS (64-bit)	3, 4	Yes	Supports Intel Itanium 2, Intel Extended Memory (EM64T), and AMD Opteron processors
Sun Solaris (SPARC)	8, 9, 10	Yes	64-bit kit
SuSE Linux (Intel 32-bit)	7.3, 8.0, 9.0	Yes	
SuSE Linux Enterprise Server (Intel 32-bit)	8	Yes	

Platform	Operating System Releases	SQL Gateway	Notes
SuSE Linux Enterprise Server (64-bit)	8	Yes	Supports Intel Itanium 2, Intel Extended Memory (EM64T), and AMD Opteron processors
Microsoft Windows[2] (32-bit)	NT 4 (SP4, SP5, SP6), 2000 (SP3, SP4), XP (SP1, SP2), Server 2003 (SP1)	Yes	
Microsoft Windows[2] (64-bit)	Server 2003 (SP1)	Yes	Supports Intel Itanium 2 processor

* New with this Caché release

[1] Certified with Simultaneous Multi-threading (SMT) enabled.

[2] Caché supports Windows terminal server capabilities in the following environments: Windows NT 4 (SP4, SP5, SP6), Windows 2000 (SP3, SP4), Windows XP (SP1, SP2), and Windows Server 2003. In these environments, Caché supports Microsoft terminal server capabilities as well as Citrix MetaFrame 1.8 and Citrix MetaFrame XP.

Note: Unicode, Caché Basic, and XML are supported on all platforms.

1.1.2 CSP Supported Web Servers

Caché Server Pages (CSP) is supported on the following Web servers. This does not necessarily mean that Caché runs on these platforms, but rather that the CSP/Web server component does.

Web Server	Platform
Microsoft IIS/PWS	Windows 95, 98, NT, 2000, XP Professional, Server 2003

Web Server	Platform
Apache 1.3, 2.0	Apple Mac OS X
	Alpha Tru64 UNIX
	FreeBSD (Intel)
	HP HP-UX
	IBM PowerPC AIX
	Red Hat Linux
	Sun Solaris (SPARC)
	SuSE Linux
	Windows NT 4 (SP6), 2000, XP, Server 2003
Netscape / Sun iPlanet 4.0 / Sun Java System Web Server 6.0	Alpha Tru64 UNIX
	HP HP-UX
	IBM PowerPC AIX
	Red Hat Linux
	Sun Solaris (SPARC)
Compaq Secure Web Server 1.0, 1.3	Alpha OpenVMS 7.3

1.1.3 CSP Supported Web Browsers

CSP is supported on the following Web browsers:

Web Browser (Platform)	Versions	Java Virtual Machine (JVM) Requirements [1]	Notes
Internet Explorer (Windows)	4.0, 5.0, 5.5, 6.0	Version 5.0 and higher with a current JVM	
Internet Explorer (Mac OS X)	5.2		Does not support #SERVER

Web Browser (Platform)	Versions	Java Virtual Machine (JVM) Requirements [1]	Notes
Netscape (Windows)	4.7, 6.0, 6.2, 7.0	Version 6.2 and higher with Sun JVM 1.4.x or higher	Version 6.0 does not support #SERVER
Netscape (Mac OS X)	4.7, 7.0	Sun JVM 1.4.x	
Mozilla (Linux, Mac OS X, Windows)	1.7	Sun JVM 1.4.x	
Mozilla Firefox (Linux, Mac OS X, Windows)	1.0	Sun JVM	See /support/firefox/faq#q2.2 at mozilla.org for detailed information regarding JVM versions for each platform.

[1] JVM restrictions deal with hyperevents and not core CSP functionality. When using Java, cookies and Java applets must be enabled.

1.1.4 ODBC Driver Supported Platforms

Caché ODBC driver (client) is supported on the following platforms:

Platform	Operating System Releases
Apple	Mac OS X 10.3, 10.4
Alpha	Tru64 UNIX 5.1, 5.1A, 5.1B
HP	HP-UX 11, 11i
IBM pSeries	AIX 4.3.3, 5.1, 5.2, 5.3
Red Hat Enterprise Linux AS (Intel)	2.1, 3, 4
Red Hat Enterprise Linux AS (Itanium)	3, 4
Sun Solaris (SPARC)[1]	8, 9, 10
SuSE Linux (Intel)	8.0, 9.0
SuSE Linux Enterprise Server	8
Microsoft Windows	95, 98, ME, NT 4 (SP4, SP5, SP6), 2000 (SP3, SP4), XP (SP1, SP2), Server 2003

[1] Both 32-bit and 64-bit ODBC drivers provided for SPARC

Important: The Caché ODBC driver on UNIX platforms requires the iODBC driver manager (see www.iodbc.org) and does not support Unicode. (If you have difficulties navigating to the iODBC site, try http://www.open-linksw.com/iodbc/software.htm.)

1.1.5 Supported C++ Client Platforms

Caché C++ Client is supported on the following platforms:

Platform	Operating System Releases
Microsoft Windows	95, 98, ME, NT 4 (SP4, SP5, SP6), 2000 (SP3, SP4), XP (SP1, SP2), Server 2003

1.1.6 Supported Caché SQL Gateway Databases

The Caché SQL Gateway supports the following legacy relational database systems:

Database System	Versions
Microsoft SQL Server	7.0, 2000
Oracle	8i, 9i
Sybase Adaptive Service Enterprise	12.5
Informix OnLine	5

Important: The Caché SQL Gateway on UNIX platforms does not support Unicode.

1.1.7 Supported Enterprise Java Beans Servers

Caché support for Enterprise Java Beans (EJB) is available for the following EJB servers:

EJB Server	Versions (Tested Service Packs)
BEA WebLogic	8.1 (SP3)
JBoss	4.0
Pramati	3.5 (SP6)

Important: Java 2 SDK (JDK) 1.4 is required for use of JDBC, EJB, or the Caché Java binding.

On OpenVMS systems, the only supported TCP/IP implementation is Compaq TCP/IP Services for OpenVMS.

1.1.8 Windows Components Supported Platforms

Caché includes several Windows-based development and system administration tools and utilities. Each of these components is listed with the Microsoft Windows platforms on which it is supported.

Caché Component	Windows Platforms
Studio	NT, 2000, ME, XP, Server 2003
Explorer	95, 98, NT, 2000, ME, XP, Server 2003
SQL Manager	95, 98, NT, 2000, ME, XP, Server 2003
Control Panel	95, 98, NT, 2000, ME, XP, Server 2003
Configuration Manager	95, 98, NT, 2000, ME, XP, Server 2003

1.2 Supported Languages

Caché provides National Language Support (NLS) in an 8-bit character set for selected regions. Caché also has utility translations for some languages. These localizations exist for the following languages:

Localization

Language	Character Sets	Utility Translation
Arabic	CP1256, Latin A, Unicode	No
Chinese (Simplified)	Unicode	No
Chinese (Traditional)	Unicode	No
Czech	Latin 2, Unicode	No
Danish	Latin 1, Unicode	No
Dutch	Latin 1, Unicode	Yes

Language	Character Sets	Utility Translation
English	Latin 1, Unicode	Yes
Finnish	Latin 1, Unicode	No
French	Latin 1, Unicode	Yes
German	Latin 1, Unicode	Yes
Greek	Latin G, Unicode	No
Hebrew	Latin H, Unicode	No
Hungarian	Latin 2, Unicode	No
Italian	Latin 1, Unicode	Yes
Japanese	Unicode	Yes
Korean	Unicode	Yes
Polish	Latin 2, Unicode	No
Portuguese (Brazil)	Latin 1, Unicode	Yes
Russian	CP1251, Latin C, Unicode	Yes
Spanish	Latin 1, Unicode	Yes
Thai	CP874, Latin T, Unicode	No

1.3 Supported Caché Version Interoperability

The following table shows the cross version compatibility within the most recent releases of Caché.

For example, the Control Panel that ships with Caché 4.0 can only be used with a 4.0 server. However, the Control Panel that ships with 5 can be used with 4.0, 4.1, and 5 servers.

Component Interoperability

Component	Clients	Servers
Configuration Manager	4.0	4.0
	4.1	4.0, 4.1
	5	4.0, 4.1, 5

Component	Clients	Servers
Architect	4.0, 4.1	4.0, 4.1
Studio	4.0, 4.1	4.0, 4.1
	5	5
Control Panel	4.0	4.0
	4.1	4.0, 4.1
	5	4.0, 4.1, 5
Explorer	4.0	4.0
	4.1	4.0, 4.1
	5	4.0, 4.1, 5
SQL Manager	4.0, 4.1	4.0, 4.1
	5	4.0, 4.1, 5
ODBC	4.0, 4.1, 5	4.0, 4.1, 5
JDBC	4.0, 4.1, 5	4.0, 4.1, 5
COM Object Factory	4.0, 4.1	4.0, 4.1
	5	4.0, 4.1, 5
Java Object Factory	4.0, 4.1	4.0, 4.1
	5	5
Caché Direct	4.0, 4.1, 5	4.0, 4.1, 5
DCP	3.2, 4.0, 4.1, 5	3.2, 4.0, 4.1, 5
CSP	4.0	4.0
	4.0.3, 4.1, 5	4.0.3, 4.1, 5
Shadowing — Fast mode	4.0	4.0
	4.1	4.1
	5[1]	5
Shadowing — Compatible mode[2]	4.0, 4.1, 5	4.0, 4.1, 5

[1] Cluster shadowing is only supported with Caché 5.

[2] Some 4.1 and 5 databases cannot be shadowed to a 4.0 system due to format-related differences, such as maximum database size and subscript length.

Note: Mixed clusters including Caché 4.1 and 5 servers are not supported nor are mixed clusters containing OpenVMS and Tru64 UNIX members.