



JADE 7.1 Upgrade Release Notes

L304173

Package: 4@4

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Overview

The JADE 7.1 upgrade introduces some key behind the scenes improvements to increase functionality, extend development capabilities and improve reliability. Here are a few of the JADE 7.1 highlights:

- JADE has extended the number of user classes permitted to just under one million, this is essential for Greentree4 development.
- Ad hoc indexes enable you to create indexes suitable for optimizing ad hoc queries without requiring a database reorg.
- New Representational State Transfer API.
- .NET API enhancements.
- JADE Sentinel providing improved debugging.

System Pre-requisites and Requirements

Prerequisites

1. Greentree must be packed to at least 4@3.
2. C++ 2013 Redistributable Packages (x64) and (x86), version 12.0.30501 must be installed on the server.
3. The C++ 2013 Redistributable Package (x64) or (x86) must be installed for the corresponding 64 or 32 bit client system. The Greentree thin client will default to the 32 bit client. These can be downloaded from our FTP server in the /Greentree/Packages/Redistributables folder.
4. C++ Redistributable 2008 (x86) will still be required by clients to support external applications including Free and Autoscan. The (x64) version will still be required for Packman 4.10.
5. Packman 4.10 is required for the upgrade process. This can be downloaded from the packages folder on the FTP server, you will need to copy this to the bin64 folder and use it to install the JADE 7.1 upgrade package. Packman 4.10 is now backward compatible and available for packages from 3D@10 onwards.

Note: Some system database files are migrated so performing a meta and logical certify is recommended if they have not been performed for 12 months, running these are not a requirement of the upgrade process.

System Requirements

A JADE 7 Greentree database server must be 64 bit, Greentree clients will be 32 bit.

SUPPORTED OPERATING SYSTEMS

Minimum Operating System requirements are as follows.

Database Server and App servers 64bit only

- Windows 2012 Server
- Windows 2008 Server R2
- Windows 8
- Windows 7
- Windows Small Business Server 2011

Greentree Client 32bit or 64 bit

- Windows 2012 Server
- Windows 2008 Server (R2 recommended)
- Windows 8
- Windows 7
- Windows Small Business Server 2011
- Windows Mobile 6.5 Professional

Notes:

- Windows Mobile 6 Standard is not supported
- Windows Phone 7 or higher is not supported.

Relational population service (rps)

RPS supports the following relational databases:

- Microsoft SQL Server 2000

- Microsoft SQL Server 2005
- Microsoft SQL Server 2008
- Microsoft SQL Server 2012 (requires 6.3.11 or 7.0.51 or a later JADE release)

HARDWARE

DB server and App servers

- Processors
Intel Xeon, AMD, or compatible x64 processor, 2.1GHz or faster
- Memory
Minimum 8GB or 12GB (with Browser Clients installed) Error Checking and Correcting (ECC) RAM

Client

- Processors
Intel Pentium, AMD, or compatible 1 GHz or faster
- Memory
4GB Error Checking and Correcting (ECC) RAM
For thin client 512mb Error Checking and Correcting (ECC) RAM

Important Configuration Information

- The Microsoft Visual C++ 2005 redistributable is no longer required.
- UAC (user access control) - don't forget if this is turned on you will need to run Packman and Greentree application as administrator.
- RPS and Instant Secure secondary databases be shutdown prior to the upgrade, these will need be re-built after the upgrade has been completed.
- Greentree clients will be updated automatically when connecting via connection manager after the upgrade is complete.

INI file changes

One change is made during the upgrade process. Settings to start the JADE Sentinel process will be added by default to the jadegt.ini file. The JADE Sentinel monitors Jade and will write memory dumps for trouble shooting purposes should a JADE process crash. This does not need to be added to the packman.ini file as it not used during packaging processes.

[JadeSentinel]

ExcludeDiskCache=<default>

The EnableSentinel=<default> line is also added to the [FaultHandling] section.

Note: EnableSentinel will need to be set to false if you are using Autoscan as it will run in debugger mode. Autoscan will function correctly but a license screen will appear and ok will need to be clicked.

New sample ini file

It is very important from 3D@10 (JADE 7) onwards that the new memory and configuration settings of the ini file are implemented to take advantage of JADE 7 performance enhancements. A new sample ini file can be found at the Greentree Campus under Greentree4 Partner Content -> Core System -> System Config -> Ini Files -> Greentree System ini File.