

ADOBE® INDESIGN® CS3 SERVER

InDesign CS3 Server introduction

Q. What is Adobe InDesign CS3 Server?

A. Adobe® InDesign® CS3 Server is a layout and composition engine that automates the proven design, layout, and typographical capabilities of InDesign CS3. Based on the same codebase and core technology as InDesign CS3, it can drive a wide variety of automated publishing solutions, while delivering the same output quality that you would expect from the Adobe Creative Suite®. It can scale to support almost any size solution, with the ability to run multiple instances on multiple servers, and has been rigorously tested to provide long periods of continuous uptime. InDesign CS3 Server can also be flexibly adapted to fit the unique needs of almost any solution.

Q. Why is InDesign CS3 Server an ideal layout engine for an automated publishing solution?

A. InDesign CS3 Server provides a number of benefits that make it the ideal choice to power a wide range of automated publishing solutions:

- InDesign CS3 Server is robust, scalable, and flexible.
- Customers already familiar with InDesign are able to easily create templates for use within their automated solution.
- InDesign CS3 Server provides access to the same core creative and production features as InDesign CS3.
- InDesign CS3 Server easily integrates into Adobe publishing workflows.
- InDesign CS3 Server allows you to create a custom user interface perfectly tailored your or a customer's specific requirements.
- Because InDesign CS3 Server shares the same scripting model and C++ SDK as the desktop version, you can easily port existing scripts and plugins to the server platform.
- InDesign CS3 Server provides a rich development environment with support for Java and SOAP.

Q. How does InDesign CS3 Server differ from InDesign CS3?

A. Although InDesign CS3 Server shares its code base with the desktop version of InDesign, there are a number of important differences that make it more suitable for use as a server engine:

- In order to create a platform for automation, the user interface plugins inside InDesign CS3 Server have been removed. That leaves no built-in user interface and gives customers an opportunity to build their own custom interface.
- InDesign CS3 Server captures and logs errors without disrupting the solution it powers.

- Like InDesign CS3, InDesign CS3 Server can be driven through scripting or C++ plugins. However, InDesign CS3 Server can also be driven through a SOAP interface or Java APIs.
- Solutions powered by InDesign CS3 Server can scale as requirements change, with support for multiple instances running on multiple processors.
- InDesign CS3 Server has been rigorously tested to ensure that it delivers long periods of continuous uptime.
- InDesign CS3 Server has been designed and tested to work on the server versions of the Windows® and Macintosh operating systems.

Evaluating InDesign CS3 Server

Q. What kind of documentation is available to explain the capabilities of InDesign CS3 Server?

A. A wide range of developer documentation for InDesign CS3 Server is available. You can find this documentation in two main places: the [InDesign CS3 Server SDK](#) and the [Build a Solution](#) page on Adobe.com.

The [InDesign CS3 Server SDK](#) includes:

- Standard documentation, such as the Introduction to Adobe InDesign CS3 Server, Regenerating the Adobe InDesign CS3 Server Java API, Working With Adobe InDesign CS3 Server Java, and the InDesign Server Java API Reference.
- InDesignServerAPI.jar, a Java JAR file containing the entire InDesign Server Java API.
- Sample Java components:
 - sampleclient-java-corba — A sample client application that runs a JavaScript script under InDesign Server via CORBA.
 - sampleclient-java-soap — A sample client application that runs a JavaScript script under InDesign Server via SOAP.
 - snippets — The Java equivalent of the scripts in Adobe InDesign CS3 Scripting Guide.
 - Scripting documentation and example scripts

The [Build a Solution](#) page on Adobe.com includes the InDesign CS3 Server Scripting Guide and a technical introduction to the product.

Because InDesign CS3 Server shares its codebase with the rest of the InDesign family, SDK documentation for InDesign and InCopy can also provide useful information. This information includes the InDesign CS3 scripting guide and additional documents describing XML rules functionality found in both InDesign CS3 as well as InDesign CS3 Server.

Q. What skills are needed to develop an automated publishing solution with InDesign CS3 Server?

A. Developers should ideally have experience building publishing solutions, preferably with the desktop version of InDesign. In addition, they should also have a working knowledge of some of the following: C++, scripting, SOAP, and Java.

Q. Will I violate the terms of the End User Licence Agreement (EULA) if I use the desktop version of InDesign as a server engine?

A. Yes, the End User License Agreement (EULA) for the desktop version of InDesign does not allow for its use as a server engine to power an automated publishing solution.

Q. Are there advantages to licensing a solution or technology from another partner rather than developing from the ground up?

A. While the majority of partners build solutions from scratch, some choose to OEM the underlying solution from another partner.

Building an entire solution in-house can help you manage development costs, grow your expertise with InDesign CS3 Server, and retain control over the end product. However, using technology from another partner may help you lower risks, come to market sooner, and leverage the development experience of others.

Downloading InDesign Server SDK and runtime and debug software

Q. What are the requirements for downloading and licensing the InDesign CS3 Server SDK and runtime and debug software?

A. The InDesign Server SDK can be downloaded directly from the [InDesign CS3 Server SDK](#) web site. No registration is required.

To gain access to the runtime and debug software, you must fill out the [InDesign CS3 Server Developer Application](#) form. This form is available on the [InDesign CS3 Server pages](#) on Adobe.com as well as from your Adobe partner manager.

Commercial development partners are strongly advised to have a current membership in the Adobe Solution Partner Program, preferably at the Premium level. This membership provides a channel for receiving development support, as well as a number of other benefits tailored to the needs of commercial development partners. Visit <http://partners.adobe.com/public/asn/solutionpartner/detail.html> for more information.

Customers performing their own in-house development can purchase single or multi-pack development cases to support their development activity. Visit <http://partners.adobe.com/public/developer/support/index.html> for more information.

Q. How long does it take to get access to the debug and runtime software?

A. Once you have met all the requirements described above, and have forwarded the appropriate information to Adobe, you will receive access to the debug and runtime software in most cases within 72 hours.

Developing with InDesign CS3 Server

Q. What support programs are available for developers working with InDesign CS3 Server?

A. The Adobe Solution Partner Program offers developers the ability to submit developer cases for InDesign CS3 Server to Adobe's development support engineers.

For more information, see the InDesign CS3 Server Support section of this document below.

Q. What is the minimum configuration required to run InDesign CS3 Server?

A. The minimum system requirements for InDesign CS3 Server engine are:

System	Mac OS	Windows
Processor	PowerPC® G4, or G5 or Intel®	Intel Pentium® 4 or 5, Intel Centrino® or Intel Xeon®
Operating system	Mac OS X 10.4.8 Server and above	Microsoft® Windows Server™ 2003 with Service Pack 1 or Microsoft Windows Server 2003 R2
RAM	512 MB (1 GB recommended) plus 256 MB per additional instance	512 MB (1 GB recommended) plus 256 MB per additional instance
Monitor resolution	1024x768 monitor resolution 16-bit or greater video card	1024x768 monitor resolution 16-bit or greater video card
PostScript® printer	Adobe PostScript Level 2 or Adobe PostScript 3™ required	Adobe PostScript Level 2 or Adobe PostScript 3™ required
Multimedia support	QuickTime 7.0 or later installed	QuickTime 7.0 or later installed

Q. What output formats does InDesign CS3 Server support?

A. InDesign CS3 Server provides the same export capabilities as InDesign CS3, including INDD, Adobe PDF, EPS, SVG, PostScript®, XML, JPEG, XHTML, InDesign Interchange Format (INX), and InDesign snippets.

Q. What development environments does InDesign CS3 Server support?

A. Solutions powered by InDesign CS3 Server can be developed for Windows Server® 2003 or Mac OS X Server software, using a SOAP, Java™, AppleScript, JavaScript, Microsoft Visual Basic, or C++ plug-ins. Developers should consider creating the user experience with HTML, Java™, Adobe Flash®, or Adobe Flex™ software.

More information about the Flex development environment can be found at the [Flex home page](#) on adobe.com.

Q. What language and dictionary support does InDesign CS3 Server offer?

A. InDesign CS3 Server allows you to produce documents in the following 16 languages; Brazilian Portuguese, Chinese Simplified, Chinese Traditional, Danish, Dutch, English, Finnish, French, German, International English, Italian, Japanese, Korean, Norwegian, Spanish, and Swedish.

InDesign CS3 Server does not currently support document creation that requires right-to-left composition of languages, including Arabic, Hebrew, Thai, and Vietnamese.

InDesign CS3 Server also ships with the following 35 Proximity language dictionaries: Bulgarian, Catalan, Croatian, Czech, Danish, Dutch, English (Canadian), English (UK), English (USA), English (USA Legal), English (USA Medical), Estonian, Finnish, French, French Canadian, German (Reformed), German (Swiss), German (Traditional), Greek, Hungarian, Italian, Latvian, Lithuanian, Norwegian (Bokmal), Norwegian (Nynorsk), Polish, Portuguese, Portuguese-Brazilian, Romanian, Russian, Slovak, Slovenian, Spanish (Castilian), Swedish, and Turkish.

Q. What fonts does InDesign CS3 Server support?

- A. InDesign CS3 Server supports OpenType®, Type 1, and TrueType fonts. All of the OpenType fonts that ship with the desktop version of InDesign CS3 also ship with InDesign CS3 Server. This set includes more than 75 fonts in multiple font families, including Adobe Caslon™ Pro, Adobe Garamond® Pro, and Adobe Myriad® Pro. Anyone developing solutions with InDesign CS3 Server is licensed to distribute these fonts as part of their customer solutions.

OpenType is a cross-platform font file format developed jointly by Adobe and Microsoft. The two main benefits of the OpenType format are its cross-platform compatibility (the same font file works on Macintosh and Windows computers), and its ability to support widely expanded character sets and layout features, which provide richer linguistic support and advanced typographic control. Further information about the benefits of OpenType fonts can be found on the [OpenType](#) page on Adobe.com.

Q. Is InDesign CS3 Server multi-threaded?

- A. Multi-threading is a way for a program to run two or more tasks simultaneously. InDesign CS3 Server is not multi-threaded. However, it is possible to run multiple separate instances of InDesign CS3 Server.

Q. Does InDesign CS3 Server have built in load balancing and queue management?

- A. InDesign CS3 Server does not have built in load balancing or queue management. Developers must implement an appropriate load balancing or queue management system to meet their own requirements.

Q. How do jobs get queued in InDesign CS3 Server?

- A. Each instance of InDesign CS3 Server will process jobs on a first-come first-served basis. For further queue management capabilities, developers must implement their own queue management solution.

Q. Are solutions powered InDesign CS3 Server scalable?

- A. Depending on the license you have purchased, InDesign CS3 Server can run everything from a single instance on a single processor to multiple instances running on multiple processors. As a result, InDesign CS3 Server can scale to any size, depending on the demands of the broader publishing solution.

Q. Can scripts developed for InDesign Server CS2 run in InDesign CS3 Server?

- A. Yes. The InDesign Server scripting DOM has been versioned to provide binary compatibility for scripts created in an earlier version of server, allowing them to run in the latest release.

Q. Can a plug-in developed for InDesign Server CS2 run in InDesign CS3 Server

- A. Yes, but the plug-in must be recompiled using the InDesign CS3 compilers and SDK.

Q. Can plug-ins and scripts developed for use with the desktop version of the application be used with InDesign CS3 Server?

- A. Scripts and plug-ins without user interfaces can run in on InDesign CS3 Server. Scripts and plug-ins with a user interface must have the interface portion removed.

Q. How does InDesign CS3 Server handle errors such as missing graphics or fonts?

- A. InDesign CS3 Server is able to log standard messages and errors. This information can be captured or redirected as needed using scripts, plug-ins, and Java APIs.

Further information on this topic is available in the InDesign CS3 Server SDK documentation.

Licensing InDesign CS3 Server As Part of an Automated Publishing Solution

Q. What is the licensing model for Adobe InDesign CS3 Server?

- A. There are currently three licensing models for InDesign Server: Limited, Standard, and Premium.

The *Limited model* is used for solutions where two thirds of the users who access the solution already have licenses for the desktop versions of InDesign or InCopy. A solution under this model can only be deployed within a customer's own network. This model provides for Per CPU and per user licenses.

The *Standard model* is used for workgroups of any size that live within a company's network and does not require that any InDesign or InCopy to be installed on the desktop. This model also provides for Per CPU and per user licenses.

The *Premium model* is used for public-facing B2B or B2C solutions accessible from the Internet, where external users will be accessing the solution from outside of a firewall. There is no limit on the number of users for this type of license. Per CPU licensing is the only option.

For further details please contact either an Adobe Solution partner or an Adobe representative.

Q. What does Adobe consider a single processor?

- A. Adobe treats multi-core CPUs the same as standard single core CPUs. For example, a single dual-core CPU is considered the same as a single CPU. Two dual-core CPUs (sometimes referred to as Quad Core) would be considered the same as two CPUs.

Q. What's the process for licensing a copy of InDesign CS3 Server?

- A. InDesign CS3 Server can be ordered through Adobe's Forms Licensing Program (FLP), either directly from Adobe or through an FLP reseller or distributor. Commercial development partners also have the option of licensing InDesign CS3 Server directly from Adobe through an ISV/OEM agreement.

Q. What is the difference between an ISV/OEM agreement and an FLP agreement?

- A. The FLP licensing program provides a simple business transaction model that allows for small unit orders without long term commitments. It does not require a contract to be signed with Adobe.

An ISV/OEM agreement with Adobe takes longer to set up and will require a signed contract, as well as a number of other commitments. However, this kind of agreement provides greater flexibility and more favorable pricing terms. ISV/OEM agreements do not allow commercial development partners to sell InDesign CS3 Server unbundled from their automated publishing solution.

Contact your Adobe partner manager or account manager for more information on these options.

Q. Is there a time-limited version of InDesign CS3 Server?

- A. Adobe offers a free, time-limited version InDesign CS3 Server, which is fully functional until a specific calendar date is reached. The specific dates are based on calendar quarters which are approximately 90 days. This time-limited version allows customers to try out an Adobe partner's automated publishing solution prior to purchase. Because of the complexity and

length of time it take to complete the solution sales process, extensions to this 90 day trial are available if required. Please see your Adobe partner or account manager for more details

Q. Are there any other developer and evaluation licenses of InDesign CS3 Server?

A. Yes. In addition to production licenses, which are required for deploying live solutions, there are also Developer, and Development licenses.

Developer licenses, which are free of charge to commercial or in-house developers, allow the initial development of automated publishing solutions. This type of license includes the debug version of InDesign CS3 Server.

Development licenses are for use by customers who want to deploy InDesign Server in a staging or testing environment. This license is sold at a significantly discounted price and cannot be used for live production. It also does not include the debug version of InDesign Server.

Q. Are separate licenses needed for backup or disaster recovery?

A. No. Copies of InDesign CS3 Server can be made for disaster recovery and/or backup in accordance with the license, but they cannot be used in any live production unless the production server fails. These copies should not be confused with cluster or load balancing configurations.

Q. In addition to the FLP and ISV/OEM licensing programs, is InDesign CS3 Server sold under any other Adobe licensing programs, such as TLP or CLP?

A. If you are buying the InDesign CS3 Server component directly from Adobe, it is only available through the ISV/OEM or FLP licensing program.

Adobe provides a number of other licensing programs including the Contractual Licensing Program (CLP) and the Transactional Licensing Program (TLP) which are typically used by customers to purchase desktop software from Adobe via the traditional reseller channel. Customers who normally purchase Adobe software using TLP or CLP licensing programs will not be able to purchase InDesign CS3 Server through these programs. The purchase of an InDesign CS3 Server licence will also not contribute to the TLP or CLP points system.

InDesign CS3 Server Support

Q. How does Adobe support InDesign CS3 Server?

A. There are two types of support available for InDesign CS3 Server: development support and product technical support. Development support, offered through the Adobe Solution Partner Program, provides answers to development-related questions. Product technical support provides access to general bug-fixes and product upgrades for InDesign CS3 Server.

Customers who purchase InDesign Server from Adobe, and then develop their own solution must purchase Platinum Maintenance and Support. Customers who purchase a solution powered by InDesign CS3 Server from a partner will expect to receive their primary technical and development support from that partner.

Q. How can a developer resolve technical support questions that arise when working with InDesign CS3 Server?

A. Developers with technical questions should open a development support case. This formal process is necessary so that the question can be tracked and answered by the appropriate technical resource.

Details of how to submit a development support case are provided either upon joining the

Adobe Solution Partner Program at the Premium level, which includes a number of support cases, or upon purchase of one or more individual support cases. More information can be found on a recent Adobe blog entry: [Submitting a developer support question](#).

Q. What is included in Platinum Maintenance and Support?

A. Platinum Maintenance and Support is a comprehensive package designed to meet the needs of companies deploying publishing solutions. It provides a range of support services and offers personalized service and a deeper understanding of the customer's technical requirements, through senior-level technical support consultants. It includes:

- Service for up to four authorized technical contacts from your organization.
- Unlimited phone, web, and email access to Adobe Platinum Support Consultants.
- Priority-level case response times.
- Unlimited access to the online support service, eSupport.
- Remote diagnostics.
- Product Upgrade releases.
- Maintenance releases.
- Patches and hot fixes.
- Additional Service enhancements are also available.

Q. What other resources are available to developers working with InDesign CS3 Server?

A. Developers may also find the [User to User forums](#) on Adobe.com a useful resource. These forums provide an opportunity to post questions to other InDesign CS3 Server developers. However, they are not designed to be used in place of formal support, as there is no guarantee that a question will be answered.

Developers new to InDesign CS3 Server may also want to consider engaging with other partners who can provide additional support, guidance, or even development consultancy for a fee. A list of Adobe partners can be found in the partner showcase on the InDesign CS3 Server pages on Adobe.com.

Marketing and Selling Your Solutions

Q. How does Adobe support the sales and marketing efforts of its partners?

A. Adobe mainly supports the sales and marketing efforts of its development partners through the Adobe Solution Partner Program. This program provides:

- Access to Adobe sales and marketing resources, including 'Powered by InDesign Server' logos for use in user interfaces, as well as print and web marketing
- Inclusion in the InDesign Server Partner Showcase on Adobe.com
- The opportunity to be invited to attend trade shows with Adobe
- Support from Adobe's field sales teams
- Additional marketing opportunities provided by the Adobe Solution Partner Program, such as web site links and use of the ASPP logo

See the Adobe Solution Partner Program web site (http://partners.adobe.com/public/asn/solutionpartner/detail_premium.html) and your account manager for further details.

Q. What can partners do to help Adobe market their companies and solutions?

A. You should make sure that an Adobe account manager or partner manager knows the pertinent details of your solution as it comes to market so that you can be considered for inclusion in the Partner Showcase. The work you're doing with your customers may also be featured in case studies.

Q. What should a partner do to be considered for inclusion on the InDesign CS3 Server partner finder?

A. You should have a shipping product with customer references. Alternatively, you should be offering development training and support services to other partners or customers.



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