teamstudio®
Just Enough Governance for Notes®

Teamstudio® CIAO!® Server

Source Code Control for Lotus Notes® application development

- Track every aspect of a design element change, via check-in and check-out

- Produce a complete audit trail of all design changes

- Restore previous version and recover deleted designs

- Allow multiple developers to change a design without potential conflict

- Connect external applications to CIAO! Server without having to write custom code

Organizations worldwide are leveraging the Lotus Notes platform to build and deploy sophisticated applications for their business-critical needs. Yet, since its inception, Lotus Notes has lacked a source code and version control system, exposing these organizations to the increasing risks associated with compliance requirements, extended downtime due to application failure, and manual processes that are resource intensive and prone to error. In short, a lack of IT governance.
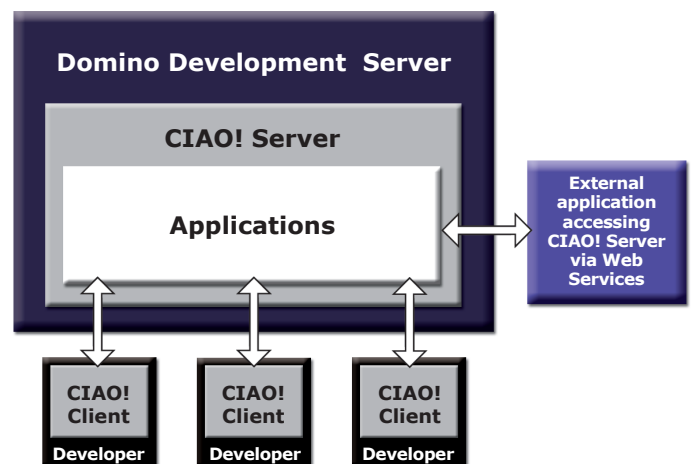
Due to increased regulation, the pressure on developers to provide accountability and traceability for all changes made to applications has increased dramatically. It's not good enough to be in compliance with relevant regulations and standards if you are unable to show who made changes to what, when the changes were made, and why. All this must be done without diverting IT from their primary mission of supporting the business objectives, gaining efficiencies and managing risk.

Teamstudio CIAO! allows IT organizations to provide source code and version control at the Notes element level, allowing multiple developers to work concurrently on the same database design without conflicts. CIAO! produces a comprehensive audit trail of the development activities and it allows rollback to previous versions. CIAO! Client provides the essential development tool, however many environments will require CIAO! Server technology to accomplish their IT governance goals

Teamstudio CIAO! Server
In order to fully meet your IT governance objectives, CIAO! Server provides server-based enforcement needed to provide complete control of your Notes applications and the ability to create management reports within SOA (service-oriented architecture). Teamstudio CIAO! Server prevents design changes from being made, lost or overwritten by server-to-server replication, design refreshes or by users who do not have the element checked out. By requiring elements to be checked out, CIAO! Server gives your development team a complete history of everything that changes in your application's design.

CIAO! Server enforces code check-in/check-out for all applications under CIAO! control, providing a complete audit trail of all application changes and the ability to revert to a known "good" version. CIAO! Server also provides an SOA (service-oriented architecture) solution for external applications to access CIAO! Server data.

IBM® Business Partner™

Domino Development Server

CIAO! Server

Applications

External application accessing CIAO! Server via Web Services

CIAO! Client — Developer

CIAO! Client — Developer

CIAO! Client — Developer

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Teamstudio® CIAO! Server

Key Cababilities

- Offers check-in/check-out at the Notes element level:
  - ➤ Allowing multiple developers to work concurrently on the same application without conflicts
  - ➤ Preventing inadvertent element or database updates through server-to-server replication, server-based design refreshes or template inheritance
- Supplies a comprehensive audit trail of the development process:
  - ➤ Creating a demonstrable history of application changes, including who, what, when and why
  - ➤ Enabling external applications to access CIAO! Server via SOA/Web Services
- Provides version control for Notes elements and databases:
  - ➤ Affording the ability to distinguish multiple versions of design elements and databases from one another
  - ➤ Giving developers an easy method of comparing multiple element or database versions and if necessary, rollback to the last known "good" version
- Creates practical developer activity reports:
  - ➤ Allowing for element viewing since the last version or complete list of changes
  - ➤ Providing complete change history including design element name, developer name, date/time of change and developer comments

The Teamstudio Advantage

- The first and only Lotus Notes source code and version management solution
- A solution specific to Lotus Domino
- Uses native Notes API to extend Notes application development and maintenance capabilities
- Over 10 years of engineering leadership building for Notes/Domino

System Requirements

Lotus Notes R5.x, R6.x or R7.x on Linux RedHat 6.x/7.x/8.x (x86), Solaris 8 (SPARC) or greater, SuSe Linux 8.1 (x86) or greater, IBM iSeries V5R3 and IBM AIX 5L, as supported by Notes. Web Services functionality available on Windows running Lotus Notes R7.x only.

For more information please visit:
teamstudio.com

Who Is Teamstudio?
Teamstudio designs technologies that address IT governance requirements — with policies and best practices for control, compliance, efficiency, and security within the Lotus Notes environment.

We call our approach "Just Enough Governance for Notes."