



TABEX₄ JTC

FASTEST ACCESS TO YOUR TABLE DATA FROM JAVA APPLICATIONS

TABEX₄ JTC guarantees fastest reading access to your table data from relational databases. TABEX₄ JTC's read-only access is up to 500-times faster than direct access to relational databases.

TABEX₄ JTC ensures customized preparation and company-wide distribution of your master data and control data. With TABEX₄ JTC, all Java programs throughout the company always get each updated status of the data from your central relational database.

TABEX₄ JTC access is also audit-proof. Thus, you can track which data status your programs have accessed anytime.

TABEX₄ JTC'S ADVANTAGES IN DETAIL

Ultra-fast Java table access

TABEX₄ JTC accesses table data up to 550-times faster than a relational database. TABEX₄ JTC is up to 40-times faster compared to table access by an in-memory database.

TABEX₄ JTC offers a large variety of access and search functions for your Java programmers. If there are several table views available for a table, TABEX₄ JTC automatically searches for the table view that is suitable for fastest access.

By preloading data to the local TABEX₄ JTC Cache, the table is always accessed locally. Thus, no TCP-IP accesses are necessary.

Ultra-fast services for your applications

The service-oriented software architecture (SOA) offers companies great optimization potential for their IT infrastructure. It aligns processes and systems with the business processes, modularizes them as independent software components and links them using web services.

In SOA, functions are created directly as services and shared between the respective applications. Organizationally, SOA is quite demanding to implement, but in return it offers great flexibility and adaptability.

TABEX₄ JTC is an ideal component for your SOA. With TABEX₄ JTC, ultra-fast professional services can be realized that all applications can use together.

Separate data storage and maintenance from data access

TABEX4 JTC supports all common relational databases. The data structure can be configured in TABEX4 JTC as required. Thus, the data can be adapted for access based on the requirements of your programs, and there is no need to adapt the data structure in the relational database.

For every table, multiple table views can be defined in TABEX4 JTC. Program accesses are carried out on TABEX4 JTC directly and not on your relational database – therefore, the workload of your database decreases.

Scalable distribution of your control data and master data

TABEX4 JTC distributes your table data to your Java business applications using any enterprise caching system. TABEX4 JTC ensures automatic replication of all data, including all table views to all connected servers.

TABEX4 JTC automatically uploads the data to the local TABEX4 JTC Cache, so that your Java programs always access updated data.

TABEX4 JTC runs on both mainframe and server systems.

TABEX4 JTC combines the best of mainframe and client-server environments: Full control over all data preparation and replication processes, and continuous scalability.

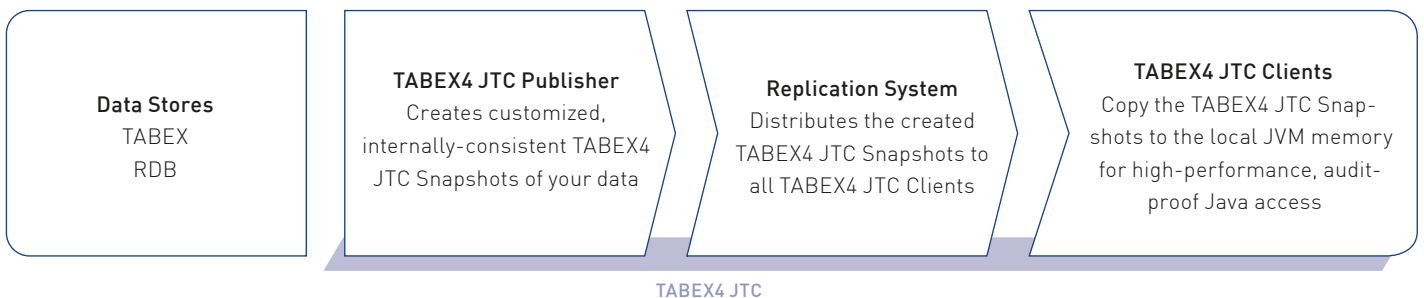
In a TABEX4 JTC deployment, you retain full control over all other aspects of data management including the processes, policies and tools you use to collect and curate your table data.

TABEX4 JTC PRODUCTS OVERVIEW

Choose between three TABEX4 JTC products:

TABEX4 JTC sync – full range of functions

TABEX4 JTC sync consists of three components: the TABEX4 JTC Publisher, a replication system of your choice, and the TABEX4 JTC Clients.



Organize your data more efficiently: TABEX4 JTC sync prepares data from various databases (relational databases, TABEX Databases or the TABEX Data Space) completely independent of the database system you use, based solely on your requirements. Create views or indices according to the requirements of your program, even across databases. TABEX4 JTC sync updates all tables, table views and indices in all local TABEX4 JTC Caches automatically, either event or time controlled. Regardless of whether you use tables from mainframe systems or Linux, Windows or Unix based systems: TABEX4 JTC sync allows you to easily bridge the gap between mainframe and decentralized Java world.

Use your existing replication system for data distribution: TABEX4 JTC sync is compatible with any enterprise caching solution that supports PUT and GET semantics. Therefore, simply use your existing enterprise caching system for TABEX4 JTC sync.

Master every revision. TABEX4 JTC sync offers full transparency and security. All data changes in TABEX4 JTC sync will automatically be stored in the audit log. Each change receives a specific snapshot ID. This allows you to retrace anytime quickly and safely, which data your programs have accessed.

Benefit from the convincing access performance at the TABEX4 JTC Clients: Up to 550-times faster than RDBs and 40-times faster compared to in-memory DBs – TABEX4 JTC sync guarantees the world's fastest read access on your data.

TABEX4 JTC light – direct access to your enterprise caching system

TABEX4 JTC light directly connects your databases to the enterprise caching system of your choice and ensures the automatic replication of selected tables to all local TABEX4 JTC Caches. TABEX4 JTC light automatically preloads table data to all local TABEX4 JTC Caches, so that the ultra-fast Java table access can always be performed locally on the current data.

TABEX4 JTC light is the product of your choice if you want to use the same data organization as in your database, and if you can do without TABEX4 JTC's archiving functionality.

TABEX4 JTC direct – access accelerator

TABEX4 JTC direct uploads the required table data directly from the database to the local TABEX4 JTC Cache and performs ultra-fast table access there.

TABEX4 JTC direct is the product of your choice if you want to use table data identical to your database (relational databases, TABEX Database or the TABEX Data Space) for local, fastest Java access, and you do not need audit-logging.

TABEX customers can use the data organization and search paths of their TABEX Data Spaces for decentralized TABEX4 JTC access without any changes.

