TINE STUDIO

Making life easy for administrators, operators, and developers ...



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😵 Reload 🛛 🚳

Tine Status

Last TINE Response: Ne

Last TINE Retry: Nev

histories of relevant

probe all servers in

the selected

context ...

live debugging of selected

information.

thd... thd...

server.

Managing content of the central archive, alarm and event systems

Archive viewer: trends, snapshots, correlations, movies ... You name it, it does it!









Use **COMA** for ultra-

framework involved)

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BLY
BUY
BUY</th

One then gets one of the above VIs, which change when wiring to the controls.

simple clients (no

Polymorphic TINE Server & Client V

alled : in this case: IvTine_xxx_AnyData.

There are 4 principal Librari Client Get & Client Put Server Pull & Server Push

Server wizards can help in code development ...



Rich clients: Acopbeans in netbeans or eclipse ...

Server side: CDI servers.

ACOP.NET in Visual Studio

Some other popular client and server interfaces ...



a single client tool for everyone ...



The **TINE Instant Client:** browse, access and display anything ...





- **Operators:** verification and testing procedures not yet available in GUI applications.
- Administrators: checking availability and response of control system elements
- **Developers**: Checking server access.

Application requirements

- Robust
- Intuitive



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Any control system studio is primary about the user:

- Operators encounter problems which need to be quickly diagnosed and corrected.
- Engineers and physicists need to readily access all machine parameters.
- Developers need to produce robust, functional and intuitive applications in a timely manner.
- Administrators need to be able to check the integrity of the controls and make modifications where necessary.
- Cut-to-the-chase timely information
- No searching in arcane tree structures
- No popup pollution
- The customer is sometimes right

Summary

A studio should strive to meet the expectations of all of categories of users, without restricting functionality or performance. This includes the developer as well as the operator and the machine physicist and engineer as well as the administrator. The utilities presented to all categories of user should not only provide an intuitive interface but make available the information the user is most likely to need with a minimum of effort. After years of interviews, interactions, and feedback with precisely this set of users, TINE Studio is well on its way to realizing these goals.



it doesn't always have to have a *slick* web site to be good ...