

Multi-platform development

A multi-platform code: : Windows, Internet, .Net, Java, PHP, J2EE, Pocket PC, Smartphone

Database

Native Access

- Oracle
- SQL Server
- DB2
- Informix
- Sybase
- MySQL
- XML
- AS/400
- Progress
- PostgreSQL
- SQL Lite
- Azure
- ...
- OLE DB
- ODBC

HyperFileSQL
SQL database

- Client/Server (Windows and Linux)
- Cluster
- Local
- Network
- Mobile

Server

Stored procedures, Triggers, Warm backup, Scheduled tasks, Activity statistics, Management of rights, Full text, Automatic reconnection, ...

Control Center

"HyperFileSQL"
(Windows and Linux)

Universal Replication

Included Development Platform (IDE, ALM)

Software Factory | Edit Audit | Multi-project search | Batch build

Total integration

Architecture: 2-tiers and 3-tier

UML
Generation, Reverse modeling, 9 diagrams

Merise (CDM, LDM)
Generation, Import

Flexible Modeling
Modeling of processes, Workflow, Diagram, Reverse modeling of code

Control Center
"Project Monitoring"

- Management of requirements
- Management of business rules
- Management of tasks and schedules
- ...

Multi-lingual management
Translation tool, Automatic check-out and check-in, Dictionary, ...

Security
User groupware, Management of rights, Encryption, ...

Available resources:

- 200 Examples, 30 Components, 30 Templates, RAD Patterns, 150 Preset controls and templates, 200 Wizards, On-line help, Tutorial, ...
- Community, Free hot line, ...

Style book

GUI
Controls, Templates, File link, Multiple DataBinheritances, Internal windows and pages, DataBinding, Preset actions, Automatic GUI checker, Impact study, GUI compilation error, ...

Reports
Preview, Export (PDF, RTF, HTML, Word, Excel, Open Office, XML, ...), Search, Template, Form and input, ...

Queries
Mathematical expression, SQL, Stores procedures, WLanguage functions, Full text, ...

Programming charter

Help
Automatic generation, Automatic documentation of updates, ...

RAD (Rapid Application Dev.)
Preset and custom patterns, Generation of windows and pages: Form, Table, Search, Table+Form, ...

RID (Rapid Interface Dev.)
Preset and custom patterns, Generation of windows and pages: Form, Table, Search, Table+Form, ...

5GL code (WLanguage)
Set of procedures, Threads, Classes, Associative array, Inheritances, Queur, Stack, List, Polymorphism, ...

Automated tests
Unit tests, GUI control, Scenario, Iteration, Automatic generation of tests, ...

Components
Generation and Use, External, Internal, Internal with analysis

Debugging
Local, Remote, Trace, Assert, Runtime log, Step by step, Breakpoint, Viewing the content of the variables, Modification of the code while debugging, Definition of the next statement to run, ...

Profiling
Analyzing the performances, CPU time, Optimizations, Number and order of calls, ...

Messaging
Attachment, Custom folder, Search, Annotation of document, ...

Bug management
Statistics, Link with SCM, Associating tasks, ...

Technical Doc.
Generation by reverse analysis, Export (PDF, RTF, HTML, ...)

Existing code

- C
- C++
- C#
- Pascal
- Cobol
- Java
- VB
- Access
- Fortran
- ...

Monitoring Robot

Monitoring:

- HTTP server, NMTP server, SNMP server, file server, email server, WebDev application server, HyperFileSQL server
- WinDev 14 applications ...

Alert message:

- In-house or included messaging
- Control screen
- WLanguage procedure
- Email
- SMS
- ...

External resources

- API
- J2EE
- SOAP
- OPC
- Twain
- RSS
- HTTP
- JSON
- DLL
- Corba
- DDE
- SMTP
- POP
- CM 11/15
- TAPI
- FTP
- Socket
- OLE
- HTML
- XML
- ActiveX
- Serial port
- Fax
- XLS/XLSX
- IMAP
- ...

Native access

- SAP R/3
- Lotus Notes
- Outlook
- Salesforce
- Google
- RSS
- LDAP
- XML
- ...

Management of user feedback

Control Center

"Feedback"

Spool, Filter, Scheduling, POP account, ...

AAF (Automatic Application Features)

Automatic export (Word, Excel, Open Office, XML, PDF, ...), Automatic lock of applications, History of inputs, Persistence, UMC (User Macro-Code), Reports and Queries, Displaying data in a table in 3D chart format, Sending a report by email, Automatic optimization of HyperFileSQL data, Automatic optimization of conflicts and integrity, Management of passwords and rights, Automatic validation button, Automatic calculation in the tables, Assisted input, Storing the size and position of windows, Resizable table rows, Automatic filter on table columns, Bar for automatic RTF formatting, Popup menu on the images, Printing table via right mouse click, Shortcut keys, Did you know it, ...

.EXE
Windows, Linux, 32 et 64 bits, JITc, service...

Java
Windows, Linux, Macintosh

.Net
Generation and Use, Assembly, ...

Cloud Computing
Generation and Use : Webservices, SOA, SaaS, SQL Azure

Web 2.0
PHP, AWP, AJAX, Mashup, ...

PHP
Compatibility with PHP4 and PHP5

Mobile
Pocket PC, Smartphone, Android, Windows Phone 7, Indus devices, Thin clients, ...

Automatic deployment and automatic update
Live Update (data and applications), Media: CD, DVD, USB key, Web, ...

Dynamic audit
Analysis performed during the exploitation: runtime warnings, non-fatal errors, asserts, memory content, ...

SIS (Software Infrastructure Supervisor)
Use of servers, dependencies between applications, network resources required by an application, workload per computer, ...

This poster does not present all the possibilities of the environnements.

Develop 10 times faster

