

A multi-platform code: Windows 8 (7-Vista-XP...), Net, Linux, Mac, Java, PHP, XML, Internet, Intranet, Cloud, Windows CE-Mobile-Phone, Android, iOS (iPhone-iPad) ...

MULTI-PLATFORM DEVELOPMENT

Database

Native Access

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

HFSQL
SQL database

- Client/Server (Windows and Linux)
- Cluster
- Local
- Network
- Cloud
- Mobile (Windows mobile, Android, iOS)

Server

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

Control Center
"HFSQL"
(Windows and Linux)

Universal Replication

Included Development Platform (IDE, ALM)

Environment 32/64bits and language in English, French or Chinese.

Total Integration

Architecture: 2-tiers and 3-tiers

Collaborative Source Code Manager (SCM)

Source code collaborative management, GUI, analysis ...
Branch management, rights management, comparison tool ...

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, ANSI, Unicode ...

GUI

Controls, Templates, File link, Multiple heritances, Internal windows and pages, DataBinding, Preval 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, Archive, Databinding, Watermarks, Signet, ...

Queries

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

Security

User groupsware, Management of rights, Encryption, ...

Style book

Help

Automatic generation, Automatic documentation of updates, ...

RAD (Rapid Application Dev.)

Preset and custom patterns, Generation of windows and pages, Form, Table, Search, TableForm, ...

RID (Rapid Interface Dev.)

Preset and custom patterns, Generation of windows and pages, Form, Table, Search, TableForm, ...

Messaging

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

Available resources:

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

5GL code (WLanguage)

Set of procedures, Threads, Classes, Associative array, Inheritance, Queue, Stack, List, Polymorphism, ANSI, Unicode, ...

Automated tests

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

Components

Generation and Use, External, Internal, Internal with analysis

Bug management

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

AAD (Aided Application Development)

Detection pg extensible areas greater than 100%, Optimization of queries, ...

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, ...

Technical Doc.

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

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 HFSQL data, Automatic optimization of conflicts and integrity, Management of passwords and rights, Automatic validation button, Automatic calculation in the tables, Automatic filter on table columns, bar for automatic RTF formatting, Pop-up menu on the images, Printing table via right mouse click, Start-up keys, Did you know it?, Copy of the form, CTRL-G: moving to a multi field, Calendar, Calculator, ...

.EXE

Windows, Linux, 32 and 64 bits, JIT, service, Windows RT, ...

Java

Windows, Linux, Macintosh

.Net

Generation and Use, Assembly, ...

Cloud Computing

Webservices generation and Use, SaaS, SaaS, SQL, Azure

Web 2.0, HTML 5

AWP, AJAX, Mashup, ...

PHP

Compatibility, PHP4 and PHP5

Mobile

Android, Windows Mobile/CE, Windows Phone, iOS (iPhone and iPad), Industrial devices, ...

Automatic deployment and automatic update

Live Update (data and applications), style book customizable, Media: CD, DVD, USB-key, Web, ...

Dynamic audit

Analysis during operation: execution Warnings, non-fatal errors, Asserts, Memory content, ...

SIS (Software Infrastructure Supervisor)

Using servers, dependencies between applications, network resources required by an application, workload per computer, ...

Existing code

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

External resources

- API
- J2EE
- SOAP
- OPC
- Twain
- RSS
- HTTP
- JSON
- Corba
- NFC
- DLNA
- CM 15
- TAPI
- FTP
- Socket
- OLE
- HTML
- XML
- ActiveX
- Serial port
- Fax
- XLS/XLSX
- UPNP
- ...

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, ...

Monitoring Robot

- Alerte message:**
- In-house or included messaging
 - Email
 - SMS
 - ...
- Alerte message:**
- In-house or included messaging
 - Internal screen
 - WLanguage procedure
 - ...
- Alerte message:**
- Disk space (SWMP)
 - SWMP
 - ...
- Monitoring:**
- Activity of a FTP and HTTP connectivity
 - Activity of a Client/Server, HTTP, SMTP, POP3, IMAP, ...
 - Load of a WEBDB file, ...
 - WEBDEV server, ...
 - Activity of a external databases (by ODBC)

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

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