

## JACi400

A complete software suite for the modernization of System *i* applications



## Modernization objectives:

- Use a **thin client**, Internet Explorer, with a rich graphical user interface
- Use the state-of-the-art technology like **WebSphere Application Server** or **Tomcat**
- Work in **batch mode** to use the inexpensive OS/400 version
- In less than a year and with the **actual team**

## JACi400 Conversion

- **Conversion** of source DSPF to HTML
- **Modification** of source programs (change all display Input/Output instructions)
- Run in the System i using **CL commands** without any human intervention
- Run all your converted programs in **batch mode**
- Applications work in both mode, 5250 and HTML
- With your own **graphical chart**
- With enhancements rules to change the presentation

## JACi400 Deployment

- A **unique deployment** for all the modules, Conversion, Development and Generator
- To be able to use a **mix** of converted and developed applications
- Using a **standard CALL** instruction to go from a converted program to a developed one (and vice-versa)
- With **multiple built-in functions**:
  - **Print**: Your spool files directly to the printer of the remote station without any action from the user,
  - **Emulation**: 5250 to HTML emulation "on-the-fly" for unconverted programs like the OS/400 commands
  - **Office**: To download your document and the data from your program and to use Word (or any window program) to merge the information
  - **Download**: To present any file with any number of lines and columns and to be able to download a ".csv" file
  - **Web 2.0**: To be able to develop a new rich user interface following the web 2.0 rules like Ajax...

## The JACi400 Offer:

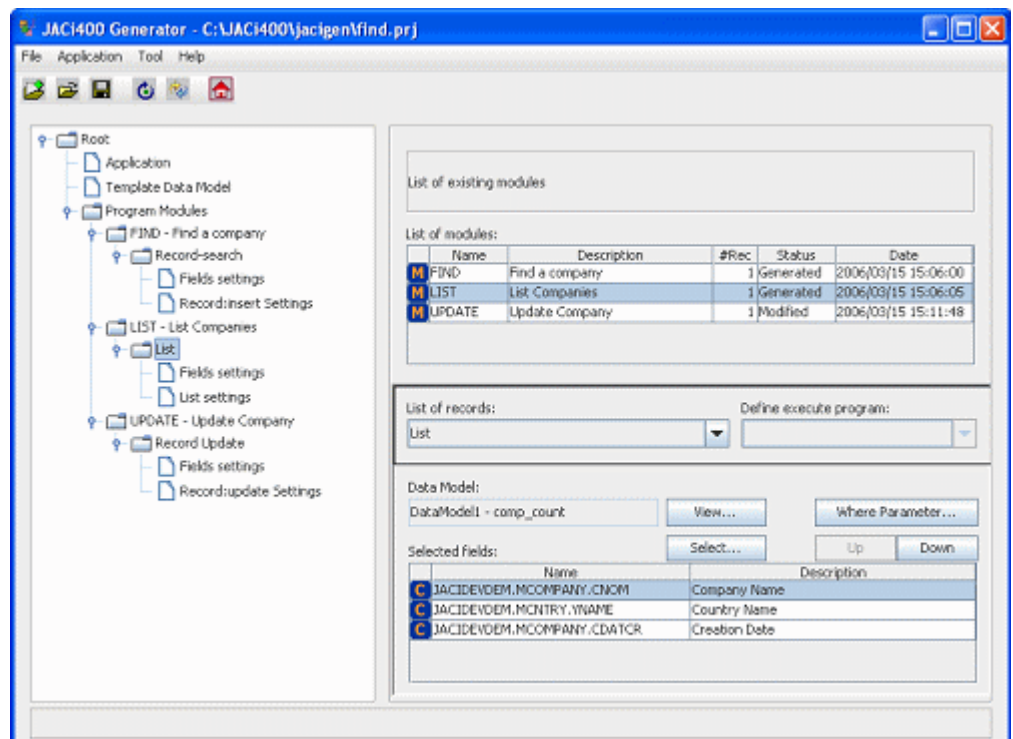
- Use only Internet Explorer
- WebSphere Application Server, Tomcat or Portal
- Always in batch mode
- New development always in RPG (Cobol) with your actual team and without any 5250 limit and any Java code.

## JACi400 Development

- New HTML applications using RPG (or Cobol)
- Without any 5250 limit
- Without DDS
- Using HTML for the presentation layer and RPG (Cobol) for all the programming logic, data base access, security...
- HTML in place of DSPF
- No need of Java skill

## JACi400 Generator

- New standard data base applications automatically generated in source code
- List of records, table maintenance, complex record management with header, footer and multi-line
- HTML for the presentation layer, ILE RPG for all the program logic and SQL for data base access
- Source code can be enhanced with standard tools and then recompiled
- Here is an example of a list working in Portal automatically generated



## JACi400 Portlet

- To include all your system i modernized applications directly in **IBM WebSphere Portal**
- All the **converted, developed and generated** applications

### JACi400 Conversion

Automatic conversion of all existing 5250 applications in HTML (RPG, Cobol...)

### JACi400 Development

New HTML applications directly in RPG (Cobol) without 5250 limits and without Java

### JACi400 Generator

New HTML standard database applications automatically generated

## JACi400 Deployment

Printer

Emulation

Office

Download

Web 2.0

WebSphere Application Server / Tomcat

**JACi400 Portlet** for WebSphere Portal

## About SystemObjects

- Born in 1991
- Works only for System i
- Only for graphic development tools
- Creation of Delphi/400 with Borland in 1997
- Thousands of users all the over the world

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