

CA 2E Modernization To Java/Ajax Using CA Plex

Overview & Demonstration

ADC's M3

Model-based Migration Methodology

The screenshot displays a multi-windowed application environment. On the left is a terminal window titled "Session A - [24 x 80]" with a menu bar (File, Edit, View, Communication, Actions, Window, Help) and a command prompt showing "ITPLUI06 CORP Warehouse Area" and "Type options, 5=Details". Below this, it lists "Sell by Date" with values: 2/09/08, 2/09/08, 2/09/08, 6/02/08, 6/02/08. At the bottom of the terminal, it shows "F3=Close, F4=> Implies" and "M3 a".

In the center is a window titled "MAT Logistics (Windows/iSeries) - [ITPLUI06 - List Item Pallet]" with a menu bar (File, Logistics, Process, View, Window, Help). It shows "Distribution Center: CORP" and "Add Warehouse: 1 Area: 01". Below this is a table with columns "W-Date", "LT", "Current", and "Flag".

On the right is a web browser window titled "WHSEGU1P - Edit Warehouse - - Internet Explorer provided by Dell". The address bar shows "http://app2.adcaustin.com/MDSwebDev/webclient" and "dojo ajax". The browser has tabs for "CA World ..." and "WHSE...". The page content shows a navigation menu (Logistics, Process, Labor, Orders, Transportation, Purchasing) and a form for "CORP > WHSEGU1P - Edit Warehouse -". The form includes "Warehouse 0" and "Description" fields, and an "Available for Orders" dropdown menu set to "Available". A "+ Add" button is present. Below the form is a table with columns "Warehouse Number", "Description", and "Available for Orders".

Warehouse Number	Description	Available for Orders
1	Central Warehouse 1	Available
2	Secondary Warehouse	Available
3	Freezer Warehouse	Not Available
4	Refrigerator Warehouse	Available
10	Off Site Warehouse	Available
18	Off Site Warehouse	Available

The browser window also shows a "Close" button at the bottom right and a status bar at the bottom with "Done", "Internet | Protected Mode: Off", and "100%".

The **Right** Way

Know before you buy

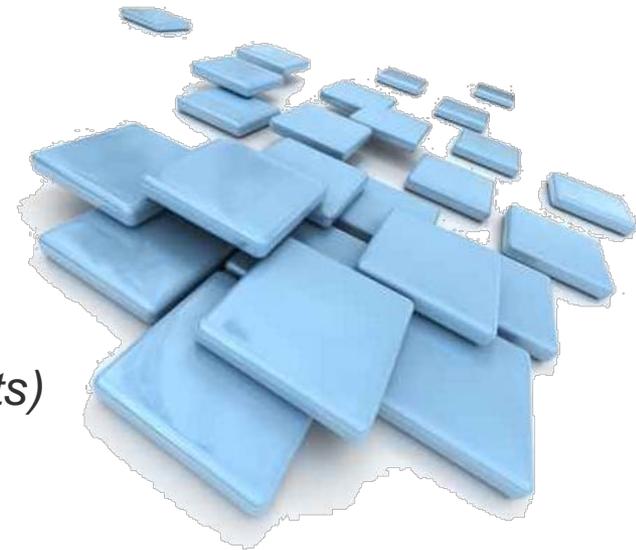
- **Effective modernization requires:**
 - High levels of automation, approach 100%
 - maintainability by existing staff
 - web applications and SOA out of the box
- **Few get it right**
- **ADC does**
 - M3 methodology



The M3 Way

Automated modernization with refactoring

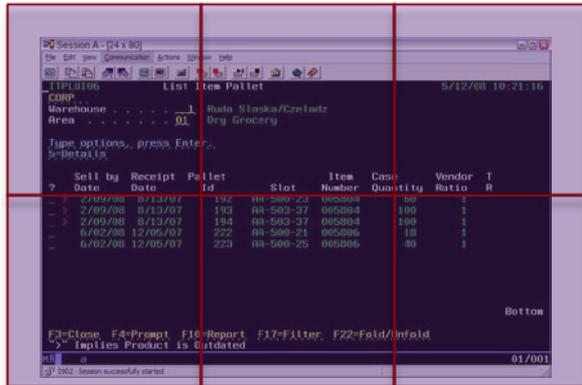
- **More than a tool – an entire methodology**
 - fast & maintainable
 - +multiplatform, +web, +SOA
- **Avoid costly risks:**
 - web facing / screen scraping (*dual environments*)
 - manual migration (*uneven quality, cost*)
 - syntax translators (*maintainability, “JOBOL”, runtimes*)
 - packages (*acquisition & customization expense*)



M3 Process

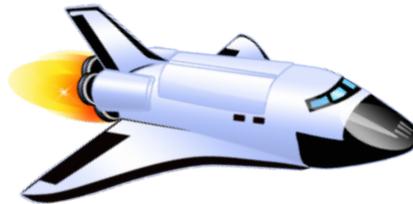
XML based design migration

Original 5250



?	Sell by Date	Receipt Date	Pallet Id	Slot	Item Number	Case Quantity	Vendor Ratio	Vendor	T
-	2/09/00	8/13/07	192	00-500-23	065004	100	1		
-	2/09/00	8/13/07	193	00-500-37	065004	100	1		
-	2/09/00	8/13/07	194	00-500-37	065004	100	1		
-	6/02/00	12/05/07	222	00-500-21	065006	10	1		
-	6/02/00	12/05/07	223	00-500-25	065006	90	1		

Migration
(Discovery & XMLize)



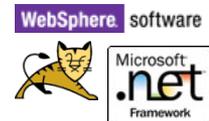
- CA 2E (Synon) models & generated applications
- Native:
 - RPG
 - COBOL
 - CL/i5/OS artifacts

- Native code modernization
- Worksoft Certify regression testing

New Environment (SOA & Web)



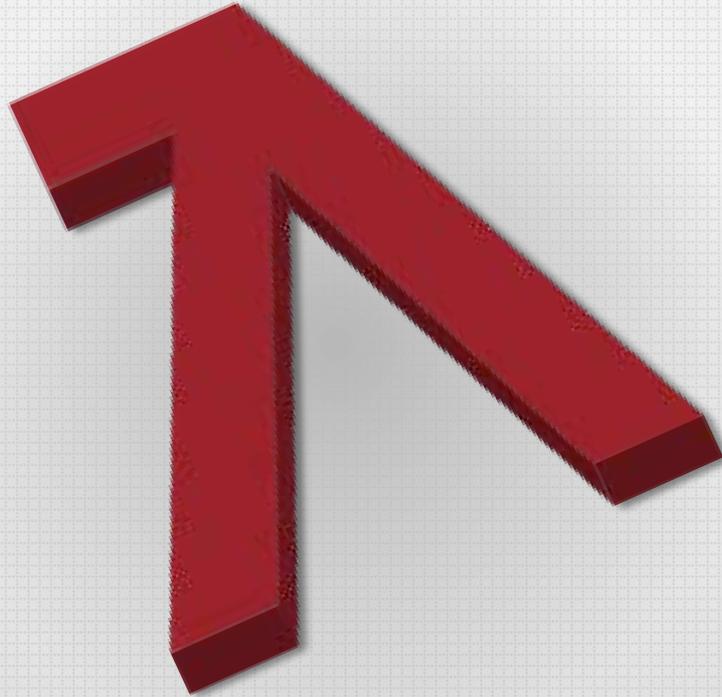
IBM System i™



Microsoft
SQL Server

IBM DB2

ORACLE®



ADC AUSTIN
THE ADVANCED DEVELOPMENT CENTER

Demonstration

Summary

More than modernization

- **Refactoring = business advantage**
 - new business logic
 - SOA / open access
- **New development process**
 - no screen scraping
 - no syntax translation
- **New application capabilities**
 - user-friendly features (tabs, wizards, portals, etc.)





M3 Site

Click image to view

