Birlasoft AutoPack
JD Edwards Package
Automation Tool

Redefine your JD Edwards package administration with automation
Package builds & deployments are core functions of JD Edwards SDLC and system administration. However, the native tools for this process are labor intensive and are compounded by the number of JD Edwards environments a customer has in their JDE instance.

The other challenges faced are:
- Traditional OMW promotion & package process is manually driven
- Excessive redundancy on standard screens where inputs don't change
- CNC administrators need to spend ~30 minutes per package per path code
- Lack of status reporting and notifications
- Manual check and submission of package deployment to servers

Solution

To overcome these challenges, we require automation that eliminates or reduces both mundane and manual tasks around OMW promotion and package workbench process. This would lead to significant savings in CNC efforts, which would provide reduced TCO and increased ROI.

Birlasoft AutoPack

Birlasoft offers a comprehensive product "AutoPack" which automates the entire process of OMW promotions, assembly, build, and deployment of EnterpriseOne code changes. This, in turn, provides significant savings in time and effort for system administrators allowing them to channel their efforts on more critical CNC functions.

Key Features

“Birlasoft AutoPack” is a suite of interactive & batch programs in which the logic and presentation layer is built entirely using the JD Edwards toolset. The product is designed on five major pillars (illustrated in the diagram below). The key features that make this product standout are mentioned below:
Package Workbench
Automation
One time Package assembly, build and deployment setup

Package Deployment Rules
Define rules to accommodate exception requests
Control over job terminations prior to deployments

Package Status Reporting
Email integration for runtime status reporting
Flexibility to define email distribution groups

Interactive & Batch Modes
Interactive launch at a buttons click
Batch mode for scheduled launch

- Developed using standard JDE object development tools and thus effortless to manage
- Leverages canned package functionality without influx of modifications to native objects
- Straightforward installation via object import mechanism of par files. Zero investment on external solutions
- Simple to secure using standard JDE security workbench
**Process Flowchart**

Birlasoft AutoPack process flow is illustrated below:

- **Initiate AutoPack Workbench**
- **OMW Promotions**
- **Package Assembly & Email Notification**
- **Package Build & Email Notification**
- **AutoPack Workbench Complete**
- **Summary Report Email Notification**
- **OMW Promotions**
- **Package Deployment & Email Notification**

**Key Benefits**

Birlasoft AutoPack provides customers the following key benefits:

- Significant reduction in manual efforts. Enhances productivity up to 50% in a CNC Administrator's day-in-life
- Avoid human errors in OMW promotion and package process by infusing automation
- Efficient monitoring of package progress without manual intervention through automated status emails
Case Study Statistics

The following diagrams are graphical representation of statistics collected from an actual AutoPack customer:

**Manual package process took average of 28 minutes**
Average savings in effort and productivity gains after deploying AutoPack is greater than 50 percent. Actual gain percentages will vary and depend on the number of objects and frequency of your package builds.
AutoPack concludes its execution of package workbench with a summary report with details about the objects transfer and entire package activity. The screenshot below is an example of the output.

### Deployment Selections

<table>
<thead>
<tr>
<th>Package Name</th>
<th>Path Code</th>
<th>Package Type</th>
<th>Machine Key</th>
<th>Install Package Status</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVFKU25</td>
<td>DV916</td>
<td>3</td>
<td>SMX-1187</td>
<td>20</td>
<td>Approved</td>
</tr>
</tbody>
</table>

### Enterprise Server Deployment

<table>
<thead>
<tr>
<th>Package Name</th>
<th>Path Code</th>
<th>Package Type</th>
<th>Machine Key</th>
<th>Install Package Status</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVFKU25</td>
<td>DV916</td>
<td>3</td>
<td>IDEBRES</td>
<td>30</td>
<td>Installed</td>
</tr>
</tbody>
</table>

### List of Jobs Terminated for Deployment

<table>
<thead>
<tr>
<th>Job Number</th>
<th>Report</th>
<th>Report Name</th>
<th>Version</th>
<th>Version Title</th>
<th>Execution Host</th>
<th>Job Queue</th>
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</thead>
<tbody>
<tr>
<td>5763</td>
<td>R9TEST2</td>
<td>UBE</td>
<td>TEST0001</td>
<td>Test Version 1</td>
<td>IDEBRES</td>
<td>QBASECH</td>
</tr>
<tr>
<td>5784</td>
<td>R9TEST2</td>
<td>UBE</td>
<td>TEST0002</td>
<td>Test Version 2</td>
<td>IDEBRES</td>
<td>QBASECH</td>
</tr>
</tbody>
</table>

### OMW Project Deployed

<table>
<thead>
<tr>
<th>OMW Project Name</th>
<th>Description</th>
<th>From Project</th>
<th>To Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNC Test Project</td>
<td>for AutoPack</td>
<td>22A</td>
<td>26</td>
</tr>
</tbody>
</table>

### List of Objects Deployed

<table>
<thead>
<tr>
<th>OMW Project Name</th>
<th>OMW Object Name</th>
<th>Object Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNC Test Project</td>
<td>F001</td>
<td>Account Ledger</td>
</tr>
<tr>
<td>CNC Test Project</td>
<td>P0008</td>
<td>Fiscal Date Patterns</td>
</tr>
<tr>
<td>CNC Test Project</td>
<td>P01012</td>
<td>Address Book</td>
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<td>CNC Test Project</td>
<td>R0006F</td>
<td>Business Unit Report</td>
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<td>CNC_AUTOPACK1</td>
<td>D0000002</td>
<td>Validate Ledger Type Options</td>
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<td>CNC_AUTOPACK1</td>
<td>P0911</td>
<td>Journal Entries</td>
</tr>
<tr>
<td>CNC_AUTOPACK1</td>
<td>R0005PXDDE0001</td>
<td>Business Unit Master List - All Companies</td>
</tr>
<tr>
<td>CNC_AUTOPACK1</td>
<td>R0005PXDDE0001</td>
<td>Date Patterns Report</td>
</tr>
<tr>
<td>CNC_AUTOPACK1</td>
<td>T00023A</td>
<td>Processing Options for Distributed Next Numbers</td>
</tr>
<tr>
<td>Test0001</td>
<td>R0005PXDDE0001</td>
<td>Business Unit Master List - All Companies</td>
</tr>
<tr>
<td>Test0001</td>
<td>V0101</td>
<td>Address Book, Full View</td>
</tr>
</tbody>
</table>
Why Birlasoft

Birlasoft, with a team of 2000+ Oracle professionals is a Platinum level member of Oracle Partner Network (OPN). It is the world’s leading JD Edwards practice with deep JD Edwards knowledge, global implementation and support capabilities. Birlasoft currently holds more than 20 Oracle Specializations and is the only Oracle partner globally to achieve Advanced Specialization certification in JD Edwards EnterpriseOne Financial Management, CNC, and Distribution modules.

Birlasoft Advantage

Decades of experience in JD Edwards implementations

Large, Diverse and Experienced JD Edwards Resources

Tools, Accelerators and methodologies to accelerate delivery timelines

Trusted Oracle Partner. Recipient of multiple Oracle Excellence Awards

For more information on AutoPack or to schedule a demo, please email Madhur Kansal at Madhur.Kansal@birlasoft.com or John Kim at John.Kim@birlasoft.com

Enterprise to the Power of Digital™

Birlasoft combines the power of domain, enterprise and digital technologies to reimagine business processes for customers and their ecosystem. Its consultative and design thinking approach makes societies more productive by helping customers run businesses. As part of the multibillion diversified CK Birla Group, Birlasoft with its 10,000 engineers, is committed to continuing our 150 year heritage of building sustainable communities.