SIMPLIFY MIDDLEWARE MIGRATIONS WITH windup

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THE MIGRATION PROBLEM
WHERE DO YOU BEGIN?
1. YOU CURRENTLY USE WEBLOGIC AND WEBSPHERE
2. You have been tasked with migrating to JBoss
3. YOU ARE UNFAMILIAR WITH THE APPLICATIONS
40 HOURS

1. Check out the sources from version control
2. Determine vendor specific code
3. Determine vendor specific configuration files
4. Find resource references
   1. Databases
   2. Queues
   3. JMX Resources ...
20 APPLICATIONS

- 40 hours per application
- 800 total work hours
20 APPLICATIONS

20 WEEKS
250 APPLICATIONS

- 40 hours per application
- 10,000 total work hours
250 APPLICATIONS

5 YEARS
THERE MUST BE A BETTER WAY
AGENDA
AGENDA

- Goals of Windup
- Using Windup to plan large-scale migrations
- Using Windup to implement a migration
- Extending Windup to meet your needs
GOALS OF WINDUP
ONE STEP AT A TIME
WINDUP HELPS YOU

- Promote standards
- Migrate to non-proprietary code
- Upgrade / standardize frameworks
- Find deprecated code and resources
- Create organizational standards
WINDUP SHOWS YOU
- Proprietary libraries
- Proprietary configurations
- Service locators
- Web Services
- EJB descriptors
- Deprecated Java code
WINDUP SHOWS YOU

- Transaction managers
- Injection frameworks
- Thread pooling mechanisms
- Timer services
- WAR/EAR descriptors
- IP addresses
USING WINDUP TO PLAN LARGE-SCALE MIGRATIONS
ESTIMATE THE JOB

- Who needs to be involved?
- How complex is the task?
- Where should we begin?
USING WINDUP
TO IMPLEMENT A MIGRATION
ACTUALLY DO THE WORK

- Identify problems
- Change code
- Update configurations
- Replace frameworks
EXTENDING WINDUP TO MEET YOUR NEEDS
CUSTOM RULES

- For your own custom libraries / frameworks
- For scenarios that the tool isn't familiar with
- To create standards in your organization
DEMO
RECAP
GET YOUR MIGRATION ON
WINDUP HELPS YOU

Estimate ➔ Plan ➔ Implement ➔ Succeed
Q / A