



SIMPLIFY MIDDLEWARE MIGRATIONS WITH *windup*

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THE MIGRATION PROBLEM

WHERE DO YOU BEGIN?

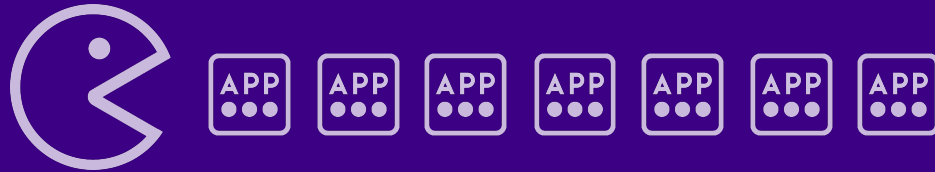
**1. YOU CURRENTLY
USE WEBLOGIC AND
WEBSPHERE**

**2. YOU HAVE BEEN
TASKED WITH
MIGRATING TO JBOSS**

**3. YOU ARE
UNFAMILIAR WITH
THE APPLICATIONS**

40 HOURS

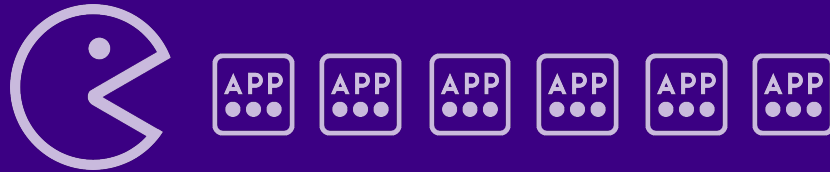
1. Check out the sources from version control
2. Determine vendor specific code
3. Determine vendor specific configuration files
4. Find resource references
 1. Databases
 2. Queues
 3. JMX Resources ...



20 APPLICATIONS

- 40 hours per application
- 800 total work hours

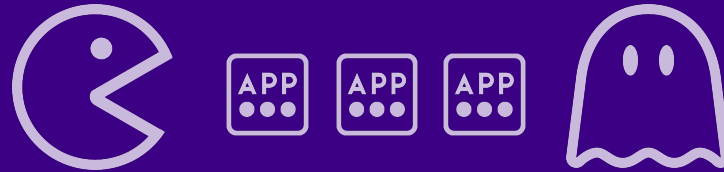




20 APPLICATIONS

20 WEEKS





250 APPLICATIONS

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





250 APPLICATIONS

5 YEARS 

THERE
MUST BE
A BETTER WAY



windup

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?



DEMO

USING WINDUP

TO IMPLEMENT A MIGRATION

ACTUALLY DO THE WORK

- Identify problems
- Change code
- Update configurations
- Replace frameworks



DEMO

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

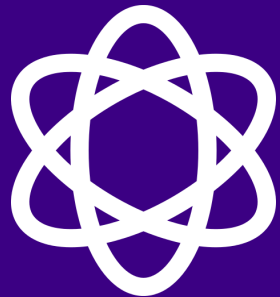
GET YOUR MIGRATION ON

WINDUP HELPS YOU

Estimate → Plan → Implement → Succeed

Q / A





LEARN MORE

STAY IN THE LOOP

<http://windup.jboss.org>

<https://github.com/windup/windup>

<https://issues.jboss.org/browse/WINDUP>

@JBossWindup