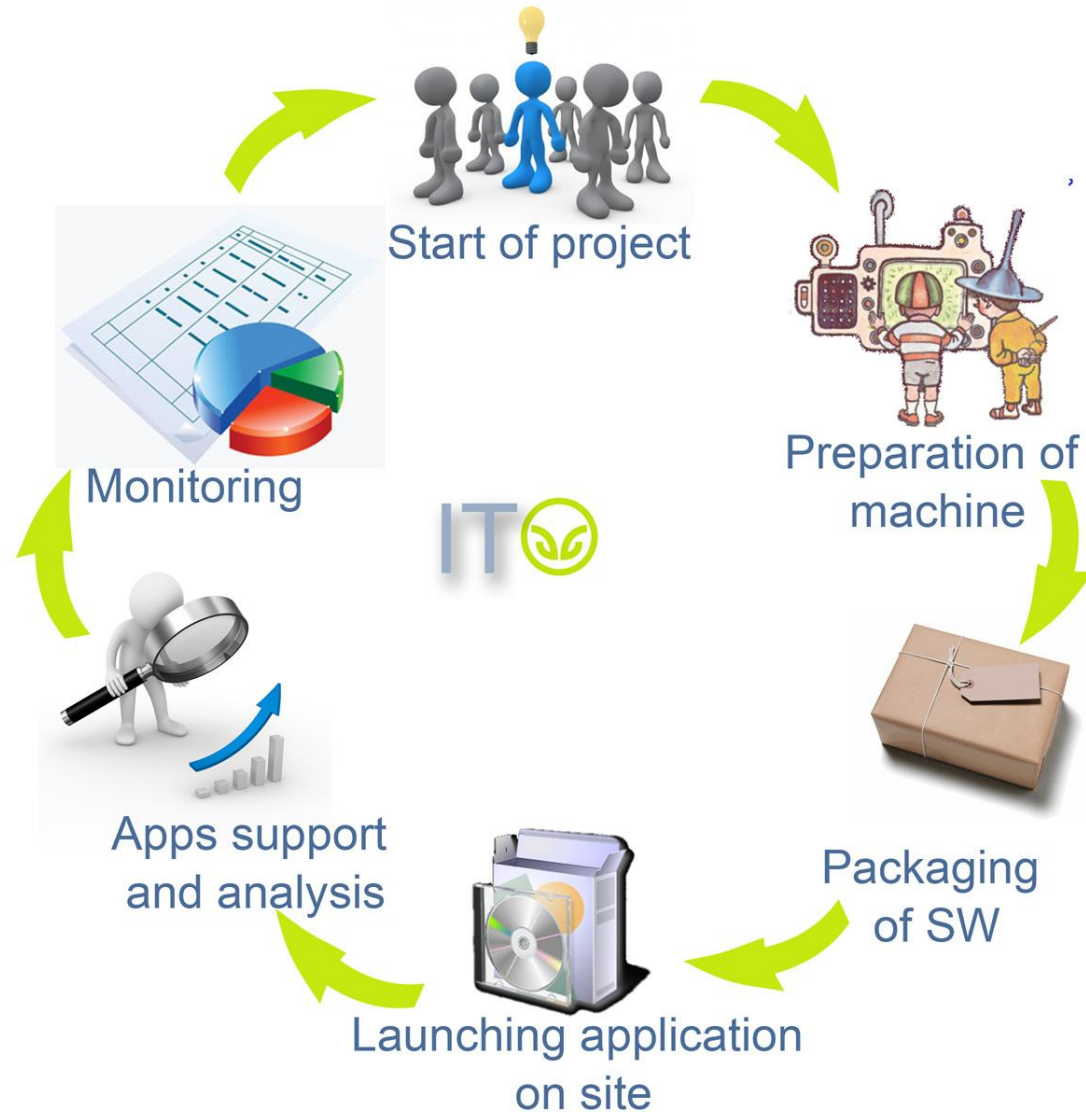


JEE applications administration

Marián Mindoš

When ITO gets involved



- **The sooner the better**
- **Technology**
- **Perils**
- **Knowledge of environment**
- **Planning & Capacities**



- Preparation of site/dev environment
- Automatization – cobbler, puppet, mysqlproxy
- RPM packages
- Misunderstandings
- Solutions

```
# DB server
192.168.1.10    db-app1 db-app2 db-app3
```

```
<connection-url>jdbc:mysql://db-app1:3309/my-app?jdbcCompliantTruncation=false</connection-url>
```

```
/data/jboss-as/myapp1/deployments|
```

```
jboss-as jboss-as      51 Nov  4 19:35 favourite-ra.rar -> /data/jboss-as/myapp1/2deploy/favourite-ra-1.60.rar
```



- JB7, JB4, Glassfish
- Convert SW and information to RPM
- Get developer and find common language



- Before launching on site:
 - Test on production DB
 - Functionality & documentation ex ante
 - Monitoring needs
 - Debug mod

```
$ du -sh log*
54G      log
452M     log-2012-10-01-1003
27M      log-2012-10-01-1437
5.0M     log-2012-10-01-1522
68G      log-2012-10-09-0033
249M     log-2012-10-09-0120
25G      log-2012-10-11-0049
535M     log-2012-10-15-0000
1.3G     log-2012-10-17-1550
62G      log-2012-10-23-1825
34M      log-2012-10-24-0126
12G      log-2012-10-24-2256
296M     log-2012-10-26-1520
76M      log-2012-10-27-1124
26G      log-2012-10-29-1247
2.0M     log-2012-10-29-1252
12G      log-2012-10-31-1928
```



- After launching on site:
 - Support
 - Analysis of application instability
 - Lock out problems of system
 - Entrypoint, threads, DB, EP, CPU and GC
 - Hand over info to developers



- ITO x DEV requirements
- Tests on preproduction sites
- JMX RMI differences JB4 x JB7
- JVM single queries vs multicheck

```
check_jmx -U service:jmx:rmi:///jndi/rmi://localhost:$ARG1$/jmxrmi -O "jboss.messaging.destination:$ARG2$,service=Queue"
```

```
check_jmx -U service:jmx:remoting-jmx://localhost:$ARG1$ -O "jboss.as:hornetq-server=default,jms-queue=queue_logging"
```



Many thanks for your attention

