

## Hestia War Room Enhancements Deploy Guide

### Revision History

Author	Revision Number	Date
TCSASSEMBLER	1.0	08.05.2013

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## Deployment Instructions

### 1. Organization of Submission

Submission builds on top of the existing repository structure at

<https://coder.topcoder.com/tcs/clients/hestia/applications/WarRoom/trunk/code>

### 2. Application Setup

- Java 1.6
- [JBoss 6.1.0Final](#)
- Oracle 11g
- Apache POI 3.9

#### 2.1 Build Scripts Setup

**hestia/build.properties** – listed here are the properties that you may need to modify to properly run the compilation and deployment of the application.

jboss.home – replace with the path of your JBoss 6 installation

@logout.url@ - the URL should be updated with the correct environment details

The following properties are related to DB connectivity and should be updated if needed:

db.driver, db.pass, db.url, db.user, @ds.jdbc.driver@, @ds.jdbc.pass@, @ds.jdbc.url@,  
@ds.jdbc.user@

The configuration of db in ExcelToDB\test\_files\db.properties should be modified to fit your environment.

**Note:** Other properties can be left as is.

#### 2.2 Configuration Files

There were no new properties added for this assembly. The new actions were updated on hestia\_war\_room.properties for authorization

### 3. Database Setup

Setup your Oracle installation and create the tables and sequences by running  
hestia/conf/sql/createTables.sql or clear the environment with hestia/conf/sql/dropTables.sql

*Note: DB can also be setup using the ant targets "db-create", "db-drop"*

### 4. Deployment Instructions

- 1) Checkout from Revision 231496 from SVN
- 2) Extract the contents of the submission on top of the svn code.
- 3) Modify the build properties as specified in #2.1.
- 4) Setup the DB as specified in #3.  
*The following next steps can be run automatically by running "ant -f build.xml deploy-jboss-config"*
- 5) Copy the datasource info from hestia/conf/oracle-ds.xml to {JBOSS}/server/default/deploy.  
(don't forget to modify the info in oracle-ds.xml with your environment info) *(make sure all properties are replaced with correct values)*
- 6) Copy hestia/conf/hestia\_war\_room.properties to {JBOSS}/bin. *(make sure all properties are replaced with correct values)*
- 7) Copy ojdbc driver to {JBOSS}/common/lib. (hestia/lib/third\_party/oracle/ojdbc14.jar is included in the submission but this may differ depending on the version you'll test against).

To build the application: (from hestia folder)

**ant -f build.xml deploy**

### 5. Starting

#### 5.1 Data Load Tool

*You can use Eclipse to create the project and load the whole ExcelToDB project and set the necessary reference jars. then you can run the ReadExcelToDBTableTool in GUI freely.*

Or you can run "ant run" to compile the data tool source, generate the jar and run the jar. Note, before running the ant, you should locate the POI3.9 and jdbc driver of oracle jars in test\_reflib folder.

## 5.2 Web Application

The web application is started when the application server starts

## 6. Verification

You **MUST** run the data load utility before testing, it will insert the test users and test data from the included excel worksheet. Refer to section 5.1, or the deployment guide of the search assembly ("Deployment Guide", the document is provided in the repository in hestia/docs

After deployment, open the site in your browser: <http://localhost:8080/hestia> (host and port may vary, depending on your JBOSS installation.) And log in as **user/pass**, ( it may be user/WRuser321)

The screenshot shows the Hestia War Room web application. At the top left is the FERGUSON logo with the tagline "Nobody expects more from us than we do". At the top right, it says "Welcome user" with a "Log Out" link. Below this is a navigation bar with tabs: "My War Room", "Search", "Input Prices", "Adjustments", "Freight", "Branch Overrides", and "MY SAVED FILTERS" (which has a star icon and a dropdown arrow). The main heading is "MY WAR ROOM". Below this is a yellow notification bar that says: "Input Price Filter Test Filter 1 was saved in your last login on 05/08/2013, 14:32" followed by a document icon and an "Execute" button. Below the notification bar are two tabs: "My Pricings" and "My Saved Filters". Below the tabs, it says "Displaying 0 to 0 of 0 | Display 20" with a dropdown arrow. In the center of the page, there is a red text message: "No data available". At the bottom of the page, it says "Displaying 0 to 0 of 0 | Display 20" with a dropdown arrow.

### 6.1.1 SaveAll and Undo

- Let's change some data

☐ DXABTC DG ☐ DGPTCA53D ☐ New York City ☐ Corpus Christi  
☐ DXABTC HJ ☐ DGPTCA53F ☐ Southeast ☐ Social HVAC

SEARCH

Adjustments | Freight | Branch Overrides | ☒ SAVE SEARCH | EXPORT

Enter New Value

Value: 23.44 End Date: 08/14/2013

Comments: free

Cancel MODIFY

Comments: ?

CALCULATE

UNDO

☒ SAVE ALL

New List (\$/CFT)	New Multiplier	New Net	Type
23.44	45.67	2.33	DOM CW
			DOM CW
			DOM CW
			DOM CW
			DOM CW

- If you click 'Save All'

IMPORT ☐ DABTC DG ☐ DGPTCA53C ☐ New England ☐ Philly  
☐ DXABTC DG ☐ DGPTCA53D ☐ New York City ☐ Corpus Christi  
☐ DXABTC HJ ☐ DGPTCA53F ☐ Southeast ☐ Social HVAC

SEARCH

Branch Overrides | ☒ SAVE SEARCH | EXPORT

Comments: ?

UNDO

☒ SAVE ALL

1 data have been saved.

☐ Prevent this page from creating additional dialogs

OK

Vendor	Current List (\$/CFT)	Current Multiplier	Current Net	New List (\$/CFT)	New Multiplier	New Net	Type
SAWHILL/WHEATLAND	74	494.59	23.44	45.67	2.33	DOM CW	
SAWHILL/WHEATLAND	74	609.89				DOM CW	
SAWHILL/WHEATLAND	74	927.28				DOM CW	

Wait for a moment to load page, then you can see 'Current List' and 'Current Multiplier' have changed as you input

SEARCH

Adjustments | Freight | Branch Overrides

Carrier:

Start Date:

End Date:

Comments:

	Current List (\$/CFT)	Current Multiplier	Current Net	New List (\$/CFT)	New Multiplier	New Net	Type
/HEATLAND	45.67	2.33					DOM CW
/HEATLAND	74	609.89					DOM CW
/HEATLAND	74	927.28					DOM CW

Let's input some data to verify 'Undo' function

Carrier:

Start Date:

End Date:

Comments:

	Current List (\$/CFT)	Current Multiplier	Current Net	New List (\$/CFT)	New Multiplier	New Net	Type
WHEATLAND	45.67	2.33		222.00	12.00	119.96	DOM CW
WHEATLAND	74	609.89					DOM CW

Then click 'Undo', you can see that all you input have been ignored

[Adjustments](#) | [Freight](#) | [Branch Overrides](#)

Multiplier: 
Start Date: 
End Date: 
Comments:

	Current List (\$/CFT)	Current Multiplier	Current Net	New List (\$/CFT)	New Multiplier	New Net	Type
/WHEATLAND	45.67	2.33					DOM CW
/WHEATLAND	74	609.89					DOM CW
/WHEATLAND	74	927.28					DOM CW

### 6.1.2 MyPricing

- After you save some data into database  
A pricing record will be created, you can back to 'My War Room' page to see it

#### MY WAR ROOM

*Info* Pricing DBPPEA53BK was saved in your last login on 05/08/2013, 17:48

[My Pricings](#)
[My Saved Filters](#)

Displaying 1 to 20 of 40 Filters | Display 
 Jump to: Page #  of 2 
 1 2 > <

Pricing Name	Search Criteria	Created On	Last Saved on	Progress	Status	Actions
DBPPEA53BK	<a href="#">criteria029545784</a>	05/08/2013,16:06	05/08/2013,16:06	100%	FINISHED	<input type="button" value="P"/>
DBPPEA53BK	<a href="#">criteria255015845</a>	05/08/2013,17:47	05/08/2013,17:47	100%	FINISHED	<input type="button" value="P"/>
DBPPEA53BK	<a href="#">criteria845374719</a>	05/08/2013,17:45	05/08/2013,17:45	100%	FINISHED	<input type="button" value="P"/>
DBPPEA53BK	<a href="#">criteria845374719</a>	05/08/2013,17:45	05/08/2013,17:45	100%	FINISHED	<input type="button" value="P"/>
DBPPEA53BK	<a href="#">criteria845374719</a>	05/08/2013,17:45	05/08/2013,17:45	100%	FINISHED	<input type="button" value="P"/>
DBPPEA53BK	<a href="#">criteria118898040</a>	05/08/2013,17:36	05/08/2013,17:36	100%	FINISHED	<input type="button" value="P"/>
DBPPEA53BK	<a href="#">criteria475368082</a>	05/08/2013,17:19	05/08/2013,17:19	100%	FINISHED	<input type="button" value="P"/>
DBPPEA53BK	<a href="#">criteria202184184</a>	05/08/2013,17:04	05/08/2013,17:04	100%	FINISHED	<input type="button" value="P"/>

- Let's create a new search filter



Freight | Branch Overrides

SAVE SEARCH EXPORT

Search Name: Test123456

Cancel SAVE

Then logout and login again, you can your last search filter and last pricing

## MY WAR ROOM

Pricing [DGPPEA5380L](#) was saved in your last login on 05/08/2013, 16:21 [Resume](#)  
 Input Price Filter [Test4567](#) was saved in your last login on 05/08/2013, 16:20 [Execute](#)

My Pricings | My Saved Filters

Displaying 1 to 17 of 17 Filters | Display  Jump to: Page # of 1 GO 1

Pricing Name	Search Criteria	Created On	Last Saved on	Progress	Status	Actions
DBPPEA53BK	<a href="#">criteria029545784</a>	05/08/2013,16:06	05/08/2013,16:06	100%	FINISHED	<a href="#">p</a>
DBPPEA53BK	<a href="#">criteria029545784</a>	05/08/2013,16:06	05/08/2013,16:06	100%	FINISHED	<a href="#">p</a>
DBPPEA53BK	<a href="#">criteria029545784</a>	05/08/2013,16:06	05/08/2013,16:06	100%	FINISHED	<a href="#">p</a>

### 6.1.3 Lowest Net Price

Let's go to page 'Search', I select 'Dom CW', 'DGPPEA5380J', 'DGPPEA5380L', and 'DGPPEA5380K', the result page should be like this:

☐ IMPORT

☐ DABTCDG  
☐ DXABTCDG  
☐ DXABTCHJ

☐ DGPTCA53C  
☐ DGPTCA53D  
☐ DGPTCA53F

☐ New England  
☐ New York City  
☐ Southeast

☐ Philly  
☐ Corpus Christi  
☐ Social HVAC

SEARCH

Displaying 1 to 3 of 3 Products | Display 20 | Input Price | Adjustments | Freight | Branch Overrides | SAVE SEARCH | EXPORT

Search Result	Category	Product Code	Description	Vendor	List (\$/CFT)	Multiplier	Net
Vendor (1) SAWHILL/WHEATLAND	<input type="checkbox"/> DXAGPEHJ	DGPPEA5380J	1-1/2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	74.00	4.71	
Type (1)	<input type="checkbox"/> DXAGPEKX	DGPPEA5380K	2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	65.43	898	
Market (14)	<input type="checkbox"/> DXAGPEKX	DGPPEA5380L	2-1/2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	74.00	886	
Branch (175)							
Category (2) DXAGPEHJ DXAGPEKX							
Product (3)							

Displaying 1 to 3 of 3 Products | Display 20 | ☒ ☐ Lowest Net Price | Jump to : Page # of 1 GO | 1

There is a checkbox near 'Lowest Net Price', unselect it, it will show all records

<div>Vendor (1)</div> <div>SAWHILL/WHEATLAND</div> <div>Type (1)</div> <div>Market (14)</div> <div>Branch (175)</div> <div>Category (2)</div> <div>DXAGPEHJ</div> <div>DXAGPEKX</div> <div>Product (3)</div>	<input type="checkbox"/>	DXAGPEHJ	DGPPEA5380J	1-1/2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	74.00	4.71
	<input type="checkbox"/>	DXAGPEKX	DGPPEA5380K	2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	65.43	898
	<input type="checkbox"/>	DXAGPEKX	DGPPEA5380L	2-1/2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	74.00	886
	<input type="checkbox"/>	DXAGPEHJ	DGPPEA5380J	1-1/2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	74.00	4.71
	<input type="checkbox"/>	DXAGPEKX	DGPPEA5380K	2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	65.43	898
	<input type="checkbox"/>	DXAGPEKX	DGPPEA5380L	2-1/2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	74.00	886
	<input type="checkbox"/>	DXAGPEHJ	DGPPEA5380J	1-1/2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	74.00	4.71
	<input type="checkbox"/>	DXAGPEKX	DGPPEA5380K	2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	65.43	898
	<input type="checkbox"/>	DXAGPEKX	DGPPEA5380L	2-1/2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	74.00	886
	<input type="checkbox"/>	DXAGPEHJ	DGPPEA5380J	1-1/2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	74.00	4.71
	<input type="checkbox"/>	DXAGPEKX	DGPPEA5380K	2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	65.43	898
	<input type="checkbox"/>	DXAGPEKX	DGPPEA5380L	2-1/2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	74.00	886
	<input type="checkbox"/>	DXAGPEHJ	DGPPEA5380J	1-1/2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	74.00	4.71
	<input type="checkbox"/>	DXAGPEKX	DGPPEA5380K	2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	65.43	898
	<input type="checkbox"/>	DXAGPEKX	DGPPEA5380L	2-1/2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	74.00	886
	<input type="checkbox"/>	DXAGPEHJ	DGPPEA5380J	1-1/2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	74.00	4.71
	<input type="checkbox"/>	DXAGPEKX	DGPPEA5380K	2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	65.43	898
	<input type="checkbox"/>	DXAGPEKX	DGPPEA5380L	2-1/2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	74.00	886
	<input type="checkbox"/>	DXAGPEHJ	DGPPEA5380J	1-1/2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	74.00	4.71
	<input type="checkbox"/>	DXAGPEKX	DGPPEA5380K	2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	65.43	898

Displaying 1 to 20 of 525 Products | Display 20 | ☐ ☒ Lowest Net Price | Jump to : Page # of 27 GO | 1 2 3 4 5 > >>

#### 6.1.4 Saved Filters

Logout and login as another user, ex: (tfoster/WRuser321),

Switch to user page, you can see all 'saved filter' create by 'user' also can be seen.

Welcome **tfoster** | [Switch as Admin](#) | [Log Out](#)**HESTIA WAR ROOM**

[My War Room](#)
[Search](#)
[Input Prices](#)
[Adjustments](#)
[Freight](#)
[Branch Overrides](#)
[★ MY SAVED FILTERS](#)

**MY WAR ROOM**

My Pricings		My Saved Filters		
Displaying 1 to 14 of 14 Filters		Display	20	
		Jump to : Page # of 1		GO 1
Filter Name	Type	Description	Last Saved on	Actions
Test4567	Input Price Filter	Type=[DOM CW] Product Code=[DGPPEA5380J,... <a href="#">Details</a>	05/08/2013,16:20	<a href="#">+</a> <a href="#">x</a>
Test765	Input Price Filter	Type=[DOM CW] Product Code=[DGPPEA5380J,... <a href="#">Details</a>	05/08/2013,16:08	<a href="#">+</a> <a href="#">x</a>
Test123456	Adjustments Filter	Type=[DOM CW] <a href="#">Details</a>	05/08/2013,14:43	<a href="#">+</a> <a href="#">x</a>
Test Filter 1	Input Price Filter	Type=[DOM SMLS] <a href="#">Details</a>	05/08/2013,14:32	<a href="#">+</a> <a href="#">x</a>
Test Filter 2	Adjustments Filter	Type=[IMP GRD A] <a href="#">Details</a>	05/08/2013,14:32	<a href="#">+</a> <a href="#">x</a>
Test Filter 3	Freight Filter	Type=[IMP GRD B] <a href="#">Details</a>	05/08/2013,14:32	<a href="#">+</a> <a href="#">x</a>
Test Filter 4	Branch Overrides Filter	Type=[IMP SMLS] <a href="#">Details</a>	05/08/2013,14:32	<a href="#">+</a> <a href="#">x</a>

**6.1.5 UI Updated**

You can go any page to see search panel to see updated UI

[My War Room](#)
[Search](#)
[Input Prices](#)
[Adjustments](#)
[Freight](#)
[Branch Overrides](#)
[★ MY SAVED FILTERS](#)

**SEARCH**

Vendors	Type	Category	Product Code	Market	Branch
<input type="text" value="Search"/> <ul style="list-style-type: none"> <li><input type="checkbox"/> DOMESTIC</li> <li><input type="checkbox"/> DISTRIBUTION CENTER</li> <li><input type="checkbox"/> IMPORT</li> </ul>	<input type="text" value="Search"/> <ul style="list-style-type: none"> <li><input type="checkbox"/> DOM CW</li> <li><input type="checkbox"/> DOM ERW</li> <li><input type="checkbox"/> DOM SMLS</li> <li><input type="checkbox"/> DSAW</li> </ul>	<input type="text" value="Search"/> <ul style="list-style-type: none"> <li><input type="checkbox"/> D160SBPE1012</li> <li><input type="checkbox"/> D160SBPEDG</li> <li><input type="checkbox"/> D160SBPEHJ</li> <li><input type="checkbox"/> D160SBPEKX</li> </ul>	<input type="text" value="Search"/> <ul style="list-style-type: none"> <li><input type="checkbox"/> DBPRGRA53B12</li> <li><input type="checkbox"/> GBPPEA53M</li> <li><input type="checkbox"/> DBSPA106B18</li> <li><input type="checkbox"/> DBPTCA5380D</li> </ul>	<input type="text" value="Search"/> <ul style="list-style-type: none"> <li><input type="checkbox"/> Carolinas</li> <li><input type="checkbox"/> Chicago Area</li> <li><input type="checkbox"/> Denver Area</li> <li><input type="checkbox"/> HQ</li> </ul>	<input type="text" value="Search"/> <ul style="list-style-type: none"> <li><input type="checkbox"/> Memphis</li> <li><input type="checkbox"/> WB Specialty Pimbg</li> <li><input type="checkbox"/> Milwaukee</li> <li><input type="checkbox"/> NOGA</li> </ul>

### 6.1.6 Adjustment

Go to page 'Adjustment', select 'Dom CW', then you can see 167 results.

This is same as page 'Input Pricing'

My War Room Search Input Prices Adjustments Freight Branch Overrides ★ MY SAVED FILTERS

#### ADJUSTMENTS

Vendors	Type	Category	Product Code	Market	Branch
<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>	<input type="text" value="Search"/>
<input type="checkbox"/> DOMESTIC <input type="checkbox"/> DISTRIBUTION CENTER <input type="checkbox"/> IMPORT	<input checked="" type="checkbox"/> DOM CW <input type="checkbox"/> DOM ERW <input type="checkbox"/> DOM SMLS <input type="checkbox"/> DSAW <input type="checkbox"/> IMP GRD A <input type="checkbox"/> IMP GRD B <input type="checkbox"/> IMP GRD X52 <input type="checkbox"/> IMP SMLS <input type="checkbox"/> IMPORT	<input type="checkbox"/> DXABPEKX <input type="checkbox"/> DAGTCHJ <input type="checkbox"/> DAGTBEDG <input type="checkbox"/> DABGRKX <input type="checkbox"/> DXAGPEHJ <input type="checkbox"/> DAGTCAC <input type="checkbox"/> DAGTBEKX <input type="checkbox"/> DAGPEAC <input type="checkbox"/> DABTCDG <input type="checkbox"/> DABTBEDP <input type="checkbox"/> DABFBDP	<input type="checkbox"/> DGPTCA5380P <input type="checkbox"/> DGPTCA5380M <input type="checkbox"/> DGPTCA5380L <input type="checkbox"/> DGPTCA5380K <input type="checkbox"/> DGPTCA5380J <input type="checkbox"/> DGPTCA5380H <input type="checkbox"/> DGPTCA5380G <input type="checkbox"/> DGPTCA5380F <input type="checkbox"/> DGPTCA5380D <input type="checkbox"/> DGPPEA5380P <input type="checkbox"/> DGPPEA5380N	<input type="checkbox"/> Carolinas <input type="checkbox"/> Chicago Area <input type="checkbox"/> Denver Area <input type="checkbox"/> HQ <input type="checkbox"/> Mid-Atlantic <input type="checkbox"/> Midwest <input type="checkbox"/> Minnesota Area <input type="checkbox"/> Nashville Area <input type="checkbox"/> New England <input type="checkbox"/> New York City <input type="checkbox"/> Southeast	<input type="checkbox"/> Memphis <input type="checkbox"/> WB Specialty Plmbg <input type="checkbox"/> Milwaukee <input type="checkbox"/> NOGA <input type="checkbox"/> San Diego WW <input type="checkbox"/> Denver <input type="checkbox"/> Houston - WW <input type="checkbox"/> Denver WW <input type="checkbox"/> Philly <input type="checkbox"/> Corpus Christi <input type="checkbox"/> Social HVAC

SEARCH

Displaying 1 to 20 of 167 Products Display 20 Freight Branch Overrides SAVE SEARCH EXPORT

Adjustment: ☐ Percentage ☐ Increase/Decrease \$

Start Date:  End Date:  Comments:

MODIFY UNDO SAVE ALL

Search Result	Category	Product Code	Description	Vendor	List (\$/CFT)	Multiplier	NE
<div>Vendor (1) SAWHILL/WHEATLAND</div>	<input type="checkbox"/> DXAGPEHJ	DGPPEA5380J	1-1/2 GALV PE A53A S80 PIPE	SAWHILL/WHEATLAND	74.00	4.75	

## 7. Resource Contact List

Name	Resource Email