
hp Unified Correlation Analyzer



Unified Correlation Analyzer for EBC Problem Detection

Version 2.0

Release Notes

Edition: 1.1

Windows® Operating Systems

November 2012

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Preface

These Release Notes describe critical information related to the HP UCA for EBC Problem Detection product.

Product Name: Unified Correlation Analyzer for Event Based Correlation

Product Version: 2.0

Kit Version: V2.0

Please read this document before installing or using this Software.

Intended Audience

Here are some recommendations based on possible reader profiles:

- Solution Developers
- Software Development Engineers
-

Software Versions

The term UNIX is used as a generic reference to the operating system, unless otherwise specified.

The software versions referred to in this document are as follows:

Product Version	Supported Operating systems
UCA for Event Based Correlation Server Version 2.0	<ul style="list-style-type: none">• HP-UX 11.31 for Itanium• Red Hat Enterprise Linux Server release 5.5 (Tikanga)
UCA for Event Based Correlation Channel Adapter Version 2.0	<ul style="list-style-type: none">• HP-UX 11.31 for Itanium• Red Hat Enterprise Linux Server release 5.5 (Tikanga)
UCA for Event Based Correlation Software Development Kit Version 2.0	<ul style="list-style-type: none">• Windows XP / Vista• Windows Server 2007• Windows 7
UCA for Event Based Correlation Problem Detection Version 2.0	<ul style="list-style-type: none">• Windows XP / Vista• Windows Server 2007• Windows 7

Table 1 - Software versions

Typographical Conventions

Courier Font:

- Source code and examples of file contents.
- Commands that you enter on the screen.
- Pathnames
- Keyboard key names

Italic Text:

- Filenames, programs and parameters.
- The names of other documents referenced in this manual.

Bold Text:

- To introduce new terms and to emphasize important words.
-

Associated Documents

- HP UCA for EBC PBD – Installation, Administration and Development Guide
- HP UCA for EBC PBD – TeMIP Client Guide
- HP UCA for EBC - Installation Guide
- HP UCA for EBC - Administration, Configuration, and Troubleshooting Guide
- HP UCA for EBC - Reference Guide
- HP UCA for EBC - Topology Extension Guide
- HP UCA for EBC - Value Pack Development Guide
- HP UCA for EBC - User Interface Guide

Support

Please visit our HP Software Support Online Web site at www.hp.com/go/hpssoftwaresupport for contact information, and details about HP Software products, services, and support.

The Software support area of the Software Web site includes the following:

- Downloadable documentation.
- Troubleshooting information.
- Patches and updates.
- Problem reporting.
- Training information.
- Support program information.

Chapter 1

Main changes since last delivery

Since the previous release of the product (UCA for EBC Problem Detection V1.0):
the product has been validated on UCA for EBC V2.0 Framework,
the product has integrated some bug fixes

Migration steps from V1.0 to V2.0

These migration steps have to be followed thoroughly. Otherwise risk is important to fall in a hybrid (1.0 / 2.0) configuration.

The migration is divided in two parts: the migration of the Development Kit, and the migration of the Runtime environment.

Overall the necessary steps are to

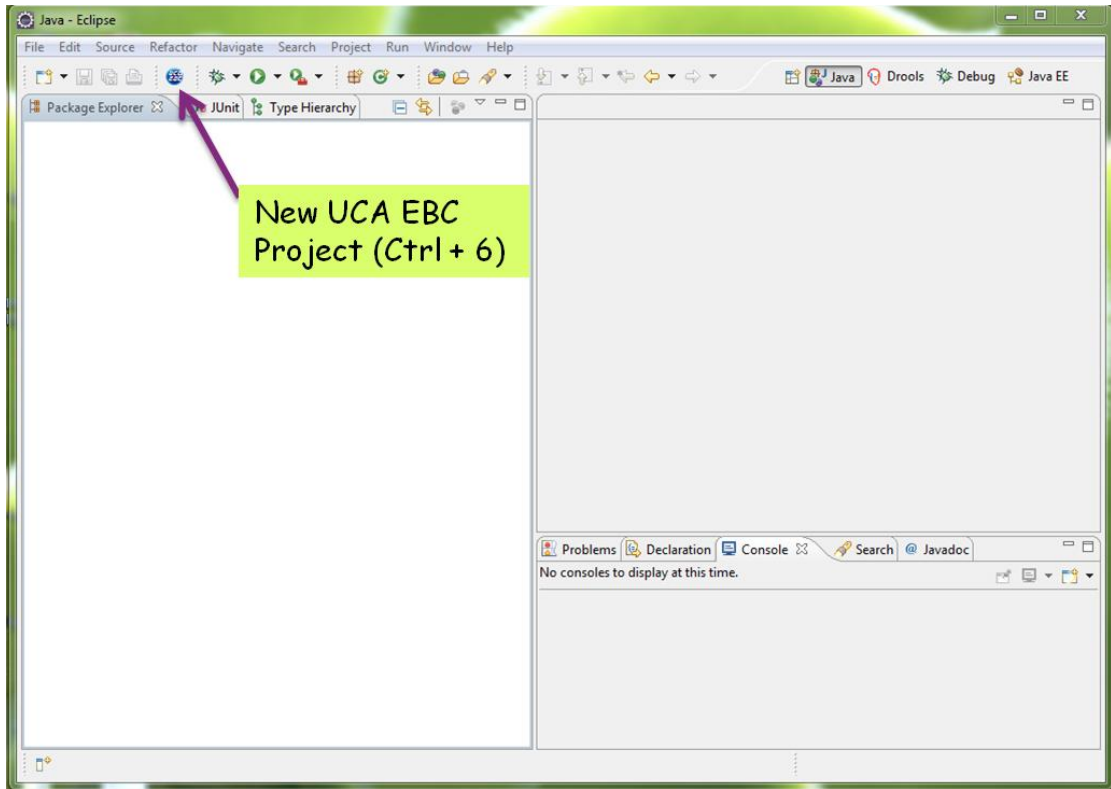
- Save value packs source code
- Upgrade Dev Kit
- Re-generate Problem Detection value packs binaries
- Save the runtime configuration on the UCA-EBC server
- Upgrade the UCA-EBC server
- Upgrade configuration
- Deploy the re-generated Problem Detection value packs

2.1 Development Kit migration

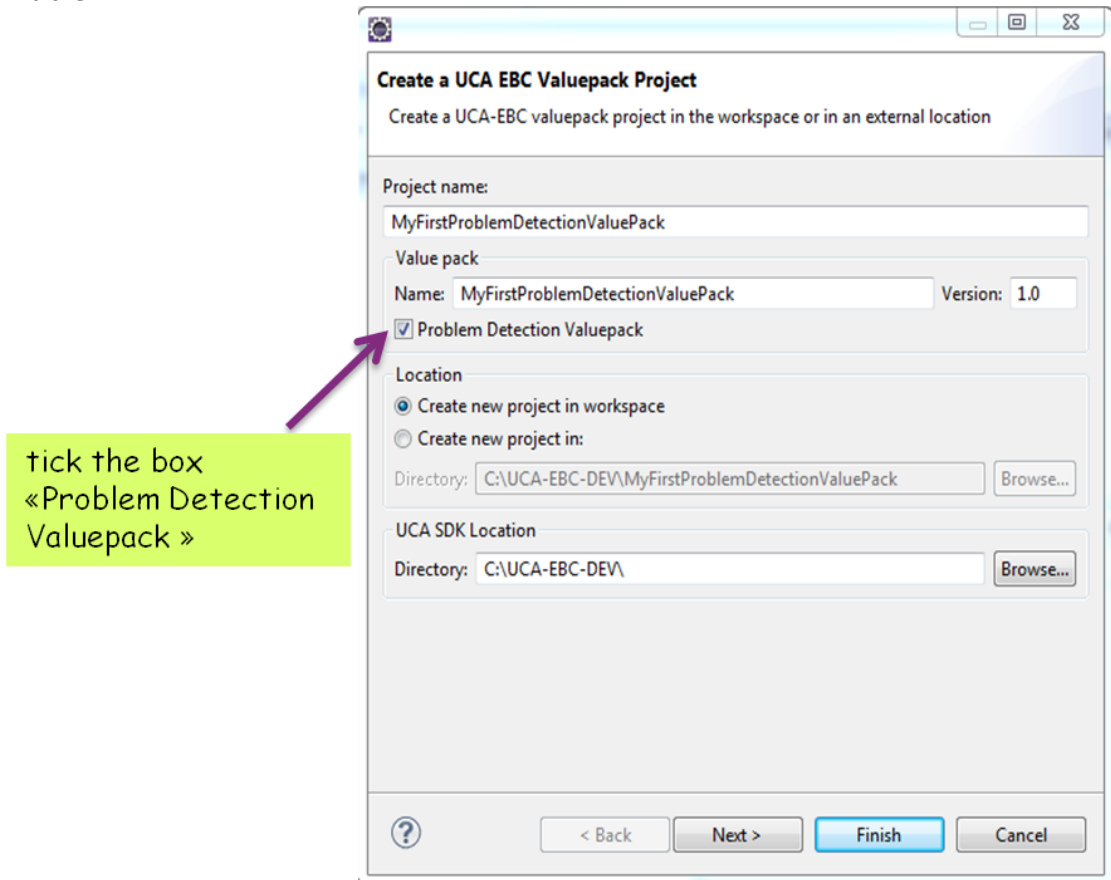
1. Save the following directories of the source of all your Problem Detection value packs :
 - src/main/java
 - src/main/resources
 - src/test/java
 - src/test/resources
2. Uninstall the following products if present
 - HP Unified Correlation Analyzer – DEVTOOLKIT Version V1.0-0A
 - HP UCA EBC Toolkit UCA-EBC-DEVTOOLKITPatch-V1.0.2
 - HP UCA EBC Problem Detection UCA-EBC-DEVPD-V1.0

All kits coming from former V2.0 Product Sprints deliveries should also be uninstalled

3. Remove the C:\UCA-EBC-DEV directory, or whichever directory had been selected when installing the UCA EBC Development Kit
4. Install
 - HP UCA EBC Development Toolkit UCA-EBC-DEVTOOLKIT-V2.0
 - HP UCA EBC Problem Detection UCA-EBC-DEVPD-V2.0
5. In Eclipse click on the button “New UCA EBC Project (Ctrl +6)” as shown below



And then



Instead of MyFirstProblemDetectionValuePack re-use the name of your existing value packs

Create as many projects as you had Problem Detection value packs.

6. For each of your newly recreated value packs projects, place the stored contents of
 - src/main/java
 - src/main/resources
 - src/test/java
 - src/test/resources
7. Regenerate the value packs binaries

2.2 Runtime environment migration

1. On the UCA-EBC server, store the contents of
 - \$UCA_EBC_HOME/utilities/conf
 - \$UCA_EBC_HOME/conf
2. Uninstall the UCA-EBC server 1.0
3. Install the UCA-EBC server 2.0
4. Copy the configuration files stores in step 1, to the 2.0 filesystem layout

1.0 filesystem layout	2.0 filesystem layout
\$UCA_EBC_HOME/utilities/conf	\$UCA_EBC_DATA/instances/<instance>/conf
\$UCA_EBC_HOME/conf	\$UCA_EBC_DATA/instances/<instance>/conf

5. Copy the valuepacks you have regenerated in step 2.1 into \$UCA_EBC_DATA/instances/default/valuepacks
6. Delete the \$UCA_EBC_HOME/valuepacks/ folder and its content

Fixed Problems

This section lists fixed problem since previous version:

Reference / Severity	Component	Description	Comment
CR#8860 Medium	Problem Detection VP	compareProblemEntity is not called by the framework	Fixed
CR#8863 Medium	Problem Detection VP	Cannot create 2 groups with 2 different ProblemEntities but with identical ProblemKey	Fixed
CR#8889 Medium	Problem Detection VP	ProblemAlarm is not cleared when all subalarms cleared and auto-terminated	Fixed

Known Problems

This section lists problems discovered during the product test campaign and that still have to be fixed:

Reference / Severity	Component	Description	Solution/Suggested workaround
CR#8890 Medium	Problem Detection VP	<p>ProblemAlarm is not cleared after a restart when it contains no more alarms</p> <p>After a PBD ValuePack restart, in the situation where a ProblemAlarm has no more Subalarm, PBD does not clear it.</p> <p>The default processing SHOULD clear any ProblemAlarm when no more Subalarm.</p> <p>Else this will let orphan Problem Alarms that will never be cleaned.</p>	Set the TeMIP operation context attribute Automatic Terminate On Alarm Clearance to False
CR#9017 Medium	Problem Detection VP	<p>callbackForProblemAlarmClearance should check that conditions for ProblemAlarm clearance are still present</p> <p>If new Subalarms have come during the ProblemAlarmClearance delay then, the Problem alarm should not be cleared any more.</p> <p>This ProblemAlarm is currently cleared.</p>	None
CR#9034 Medium	Problem Detection VP	<p>Argument 'reference alarm' of temp directive create should be used when creating the Problem Alarm</p> <p>It's a way to let temp AH FM copy all the attribute values of the reference alarm specified.</p> <p>Otherwise some attributes like the Specific Problem may not be copied in the Problem Alarm by UCA.</p>	None.

Table 2 - Known Problems

Known Limitations

No known limitation reported on the product yet.