

New Features in Oracle BAM 11.1.1.2.0

Introduction

This document is an addendum to the [New Features in Oracle BAM 11.1.1.0](#)

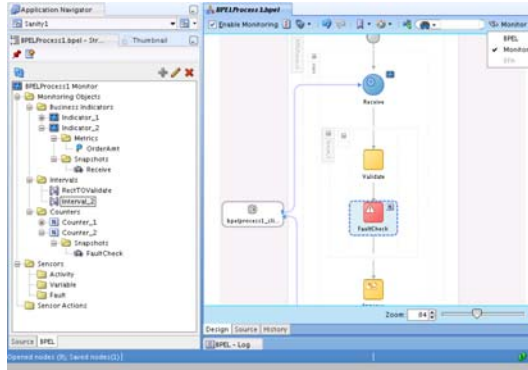
Oracle BAM 11g is a J2EE application that is tightly integrated with the rest of the Oracle SOA suite technologies.

Keeping in mind the customer demand for enabling business activity monitoring in a few clicks for varied user environments, we have introduced three new features in this patch set.

- (1) **Monitor Express:** this feature allows users to enable Oracle Business Activity Monitoring (Oracle BAM) for their composite applications in literally just a couple of clicks, right from within Oracle JDeveloper. Ready-to-use dashboards provide a single integrated view to track Key Performance Indicators (KPI) in real-time and promote operational efficiency. The rich user experience for monitoring is delivered via Oracle Jdeveloper Monitor perspective.
- (2) **Oracle BAM Data Control:** Using the new Oracle BAM data control, ADF developers can build highly dynamic web-based applications that embed business information pushed in real-time from Oracle BAM Server.
- (3) **Internet Explorer 8.0 Certification:** Oracle BAM is now certified for use with Microsoft Windows Internet Explorer 8.0.

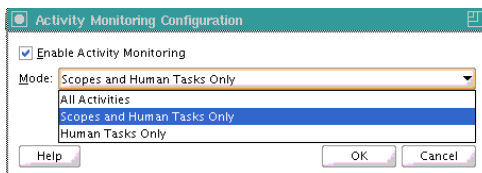
Monitor Express: Monitor your BPEL processes to increase operational efficiency across the business. It's as simple as 1-2-3.

1. Open the BPEL Process in Monitor view



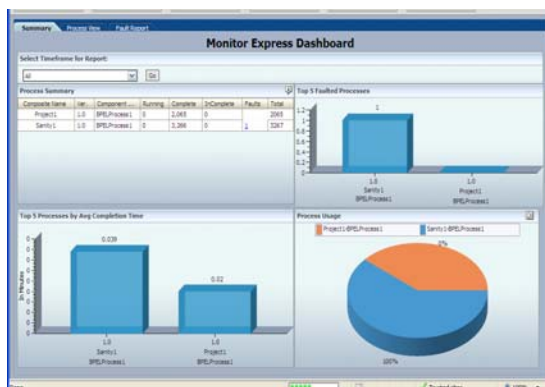
Use our integrated IDE, Oracle JDeveloper, to open the BPEL process in Monitor view. This feature leverages the JCA-compliant Oracle BAM adapter to send data to Oracle BAM.

2. Enable Activity Monitoring & deploy



Enable all activity, scope-level, and /or human task monitoring with a single click.

3. Track real-time performance for business operations via an executive dashboard



This requires a pre-install of ready-to-use dashboards available as samples in the Oracle BAM application.

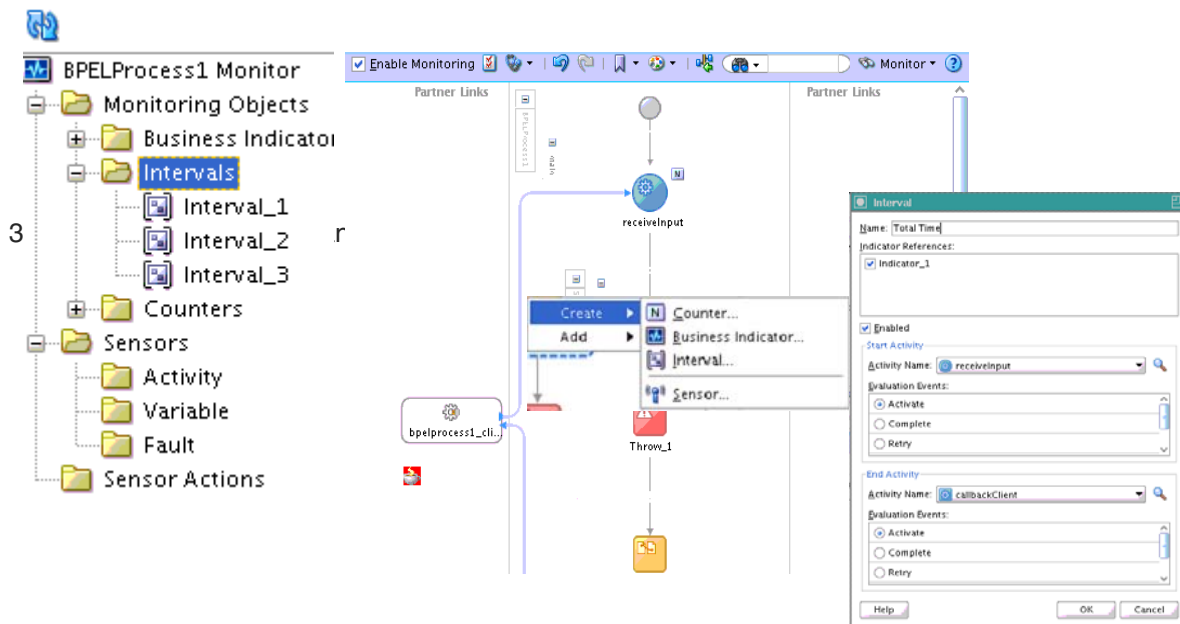
Additional Details: Granular-level monitoring is also available using the monitoring artifacts.

Intervals: Help identify bottlenecks in the process by capturing the execution time for a specific group of related activities. This information could be used for comparing different process versions.

Business Indicators: Define business metrics at the process level to capture a snapshot value at various points within the process.

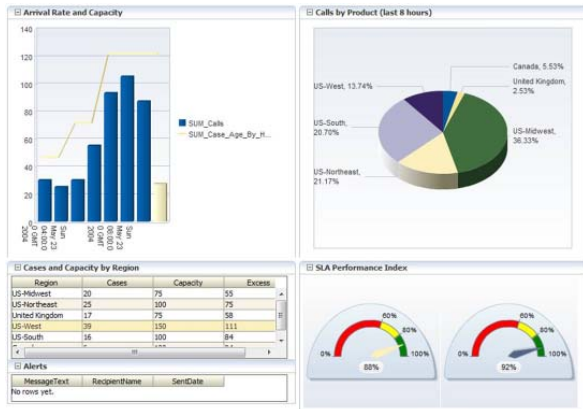
Counters: Track path /activity usage when a particular activity is executed, e.g exception flows.

Sensors: Track individual activity, faults, and variables at the process level with Sensors and Oracle BAM Sensor actions.



Oracle BAM Data Control: ADF application developers can leverage the Oracle BAM push-based technology for showcasing real time updates in web-centric applications using the Oracle BAM data control.

Using Oracle JDeveloper, create an Oracle BAM data control based on an Oracle BAM data object using the step-by-step wizard. Create an ADF view from the data control in your Web application.



Internet Explorer 8.0: Oracle BAM is now certified with Microsoft Windows Internet Explorer 8.0. We recommend using IE 7.0 or IE 8.0 with this release.

Other enhancements:

Oracle BAM Adapter configuration is available via the Oracle WebLogic Server Administration Console.

Enable and disable BPEL sensor data (including Oracle BAM sensor actions) in BPEL processes at the global level in Oracle Enterprise Manager Fusion Middleware Control, and at the project-level in Oracle JDeveloper.

Oracle BAM Architect user interface enhancements for Enterprise Message Sources (EMS), including drop down list for datetime formats supported in "DateTime Specification" option, including a "Custom" option where in user can enter any format supported by Java SimpleDateFormat class; "Metrics" option for each EMS where in user can see the total number of messages received by EMS, the total number of messages committed in ADC and the total number of messages lost; Improved layout of XSL transformation window and help button that would show examples on how to create XSL for desired output from XML documents; informational hyperlinks for the non-obvious input options that on clicking would open pop-ups showing information about that option.

Improved Alert diagnostics in Oracle BAM Active Studio and improved purge (delete rows from a data object) Alert performance.

Support for datetime and timestamp type filters to work in user preferred time zone.

See [Oracle BAM documentation](#) for more details.