EntireX Process Extractor

Concepts of EntireX Process Extractor

Version 8.2 SP2

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EntireX Process Extractor

This document applies to EntireX Process Extractor Version 8.2 SP2.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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The EntireX Process Extractor extracts process-relevant data from an RPC data stream and maps this data to XML format as input for the ARIS Process Performance Manager (PPM).

The Wider Process Intelligence Landscape

This section covers the following topics:

- EntireX Process Extractor
- ARIS Process Performance Manager
- Adabas Process Extractor
- Screen Process Extractor

EntireX Process Extractor

The EntireX Process Extractor extracts process-relevant data from an RPC data stream and maps this data to XML format as input for the ARIS Process Performance Manager (PPM).

ARIS Process Performance Manager

ARIS Process Performance Manager (ARIS PPM) enables organizations to analyze business process information and extract/import required data through direct data management. ARIS PPM also provides various analysis and monitoring options.

ARIS Process Performance Manager uses XML files provided by the extractors as input for the process analysis.

Each XML file describes a process event in a structured form. An XML file can contain default markup (required by ARIS PPM) elements and user-defined markup elements (individually defined for a specific process or part of the process).

The table below lists the minumum required atttributes to describe a process event:

Attribute	Description	Req/ Opt
STEP_TYPE	Type of the process step. Used as in internal identifier for PPM.	R
STEP_ID	Unique identifier for the process step.	R
PROCESS_ID	Unique identifier for the process of which the process step is a part.	R
PROCTYPE	Type of the process.	R
END_TIME	End time stamp of the process step; format: `MM/dd/yyyy HH:mm:ss.`	R
START_TIME	Start time stamp of the process step; format: `MM/dd/yyyy HH:mm:ss.`	O
PROCESSOR_ID	ID of the processor of the process step.	O

Adabas Process Extractor

The Adabas Process Extractor extracts process-relevant data from any Adabas database and provides it to ARIS PPM. It is fully integrated into ARIS PPM, like the Process Extractor JDBC-2-PPM. Internally, the Adabas Process Extractor uses the Adabas SQL Gateway to read the data from the Adabas database.

Screen Process Extractor

The Screen Process Extractor extracts process-relevant data from 3270/5250 screens and provides it to ARIS PPM. The Screen Process Extractor is based on ApplinX technology, but the data can be extracted from virtually any terminal emulation or screen scraping tool on the market.

Sample Configurations

The configuration of the EntireX Process Extractor depends on your client/server architecture.

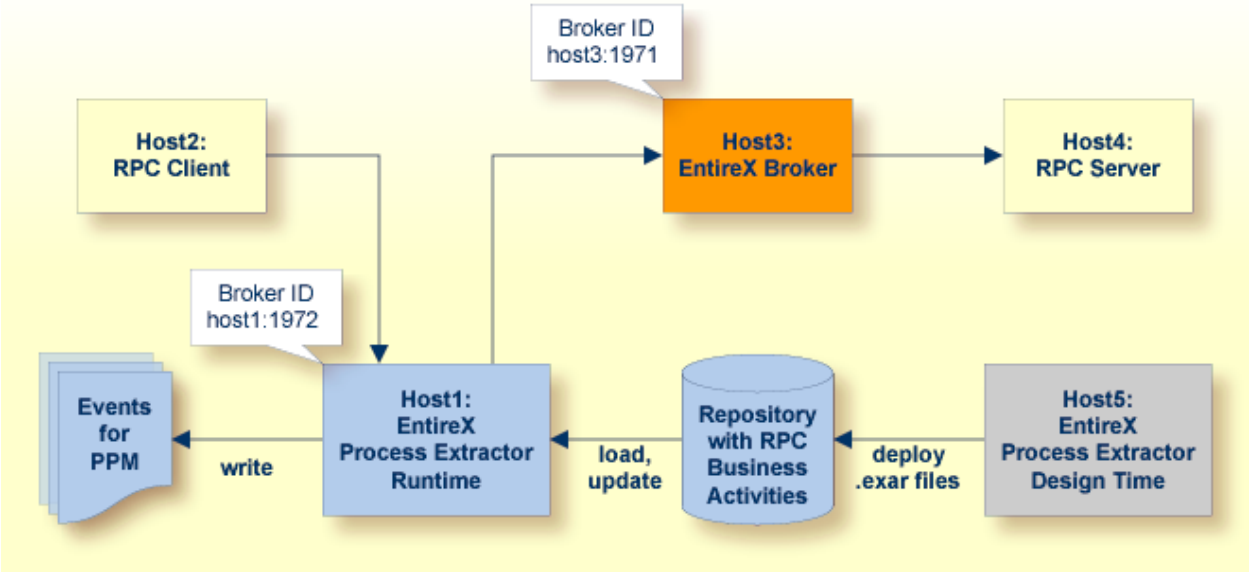
- Default Runtime Configuration
- Alternative Runtime Configuration

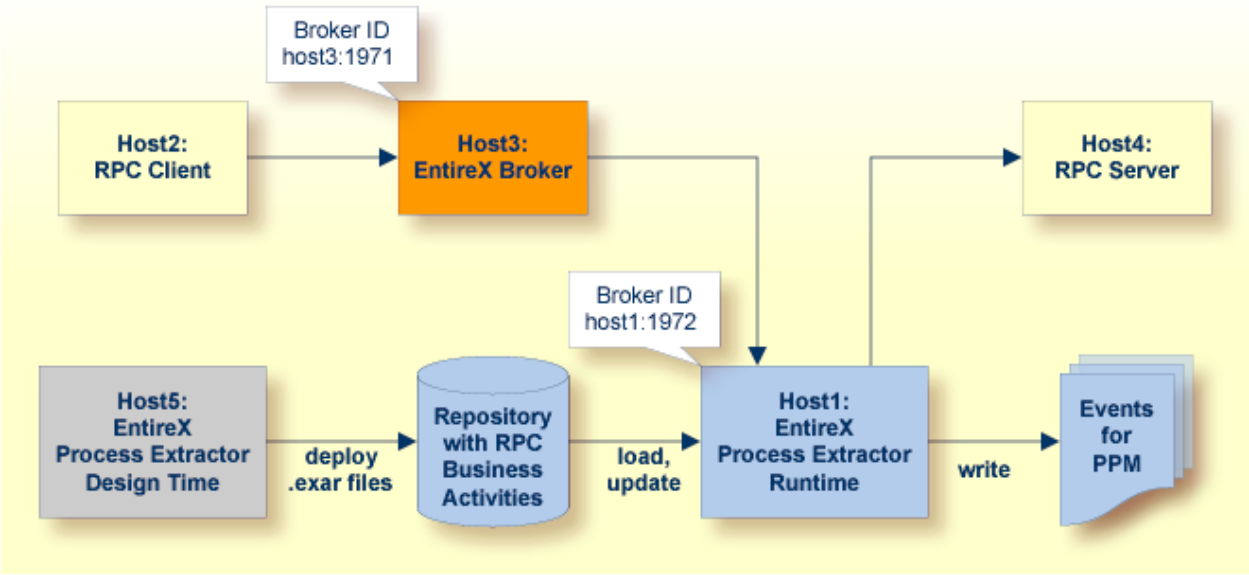
In the sample configurations below,

- EntireX Process Extractor runtime runs on host1, listens on port 1972: Broker ID is "host1:1972".
- EntireX RPC client runs on host2.
- EntireX Broker runs on host3, listens on port 1971: Broker ID is "host3:1971".
- EntireX RPC server runs on host4.
- EntireX Process Extractor design time runs on host 5.

Default Runtime Configuration

This shows a default runtime configuration where the EntireX Process Extractor extracts the process-relevant data between the RPC clients and the EntireX Broker.



Alternative Runtime Configuration

This shows an alternative runtime configuration where the EntireX Process Extractor extracts the process-relevant data between the RPC server and the EntireX Broker.