

**Main page:** [Cisco Unity Express -- REST PI Service Operations](#)

**Previous page:** [Cisco Unity Express -- XML Schema Download REST PI Service Operation](#)

**Next page:** [Cisco Unity Express -- User and Group Management REST PI Service Operation](#)

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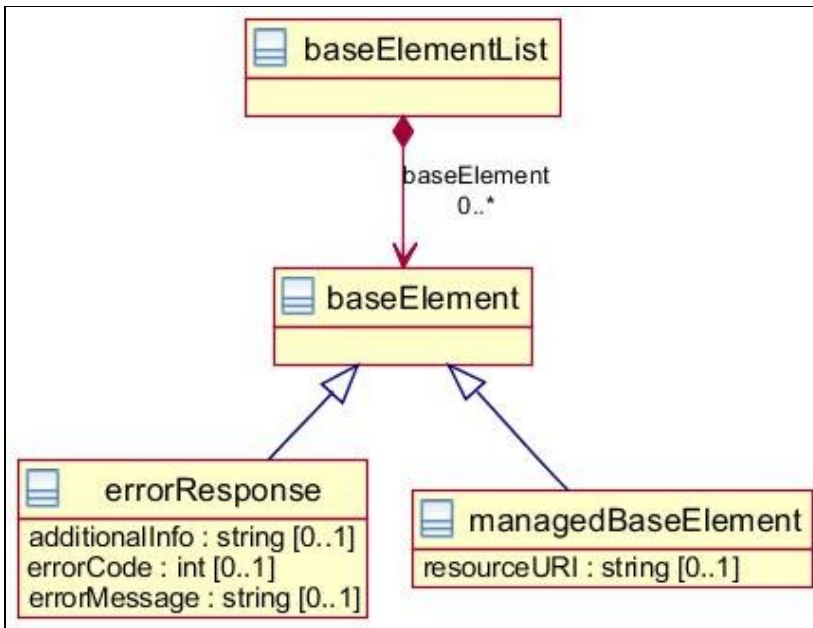
## Contents

- [1 Common Base Classes](#)
  - ◆ [1.1 BaseElement](#)
  - ◆ [1.2 ManagedBaseElement](#)
  - ◆ [1.3 BaseElementList](#)
  - ◆ [1.4 ErrorResponse](#)

### Common Base Classes

This section provides details about various common classes defined by the CUE PI service data model. These classes do not represent any specific resource in the system; therefore, no operations are defined in this section.

**Figure 4: Common Base Classes**



**BaseElement**

<b>Class Name</b>	BaseElement
<b>Description</b>	This abstract class is the base entity in which all the other classes within the CUE PI service data model extend. It serves as a marker interface to identify a class as part of the CUE PI service data model.
<b>XML Namespace</b>	http://base.model.rest.aesop.cisco.com

**ManagedBaseElement**

<b>Class Name</b>	ManagedBaseElement		
<b>Extends From</b>	BaseElement		
<b>Description</b>	This abstract class is the base class representing all uniquely addressable resources in the CUE PI service data model. All elements in the data model having a resource URI extend from this class directly or indirectly.		
<b>Field Name</b>	<b>Type</b>	<b>Constraints</b>	<b>Comments</b>
resourceURI	String	Max length - 2000	Resource URI for this resource

**BaseElementList**

<b>Class Name</b>	BaseElementList
<b>Extends From</b>	

Cisco\_Unity\_Express\_--\_Common\_Base\_Classes\_REST\_PI\_Service\_Operation

<b>Description</b>	This class serves as container for collection of BaseElement objects. Most GET operations returning a collection of objects package the result as an instance of BaseElementList.		
<b>Field Name</b>	<b>Type</b>	<b>Constraints</b>	<b>Comments</b>
baseElement	BaseElement (collection)	minOccurs="0" maxOccurs="unbounded"	Collection of BaseElement objects

**ErrorResponse**

<b>Class Name</b>	ErrorResponse		
<b>Extends From</b>	BaseElement		
<b>Description</b>	This class is used for reporting error when server fails to process the client request. The information provided through this class is in addition to the HTTP status code provided for the client request.		
<b>XML Namespace</b>	http://base.model.rest.aesop.cisco.com		
<b>Field Name</b>	<b>Type</b>	<b>Constraints</b>	<b>Comments</b>
errorCode	int	minOccurs="0"	Error code assigned by the CUE PI service. These error codes are defined specific to the CUE PI service and are not to be confused with the HTTP status code provided by the service separately.
errorMessage	String	minOccurs="0"	Message description of the error condition and possible cause.
additionalInfo	String	minOccurs="0"	Used for providing root cause information if available.