CORBA IDL Mapping To UML

Reference:

http://www.omg.org/technology/documents/profile_catalog.htm#UML_for_CORBA.

CORBA IDL mapping to UML is based on the UML Profile for CORBA Specification, Version 1.0, April 2002.

> (i) **Availability**
>
> This functionality is available in the Enterprise edition only.

The differences between the UML Profile for CORBA specification and mapping in MagicDraw are listed below.

- Constraints defined in the UML Profile for CORBA specification are not checked in MagicDraw.
- The stereotype CORBAAnonymousFixed is introduced. It is used to represent anonymous fixed types of a stereotype. Fixed types without names are mapped to inner classes with the stereotype CORBAAnonymousFixed. These classes are bound to CORBA::fixed classes.IDL Code:
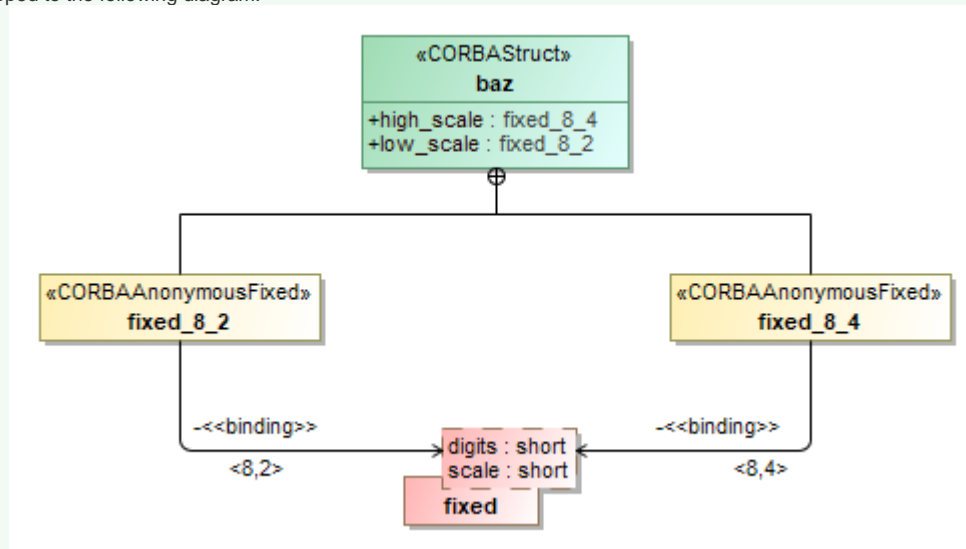
> ✓ **Example**
>
> Code:
>
> ```
> struct baz
> {
>
> fixed <8, 4> high_scale;
>
> fixed <8, 2> low_scale;
>
> };
> ```
>
> This code is mapped to the following diagram:
>
>

MagicDraw presents a CORBA IDL diagram that simplifies the creation of standard CORBA IDL elements. The following elements are available in the CORBA IDL diagram:

Button	Shortcut Key	Model Element
	M	CORBA IDL Module
	I	CORBA IDL Interface

	V	CORBA IDL Value
	Shift + P	Class by Pattern
	G	Generalization
		Truncatable Generalization
		Value Support Generalization
		CORBA IDL Association
	I	Interface