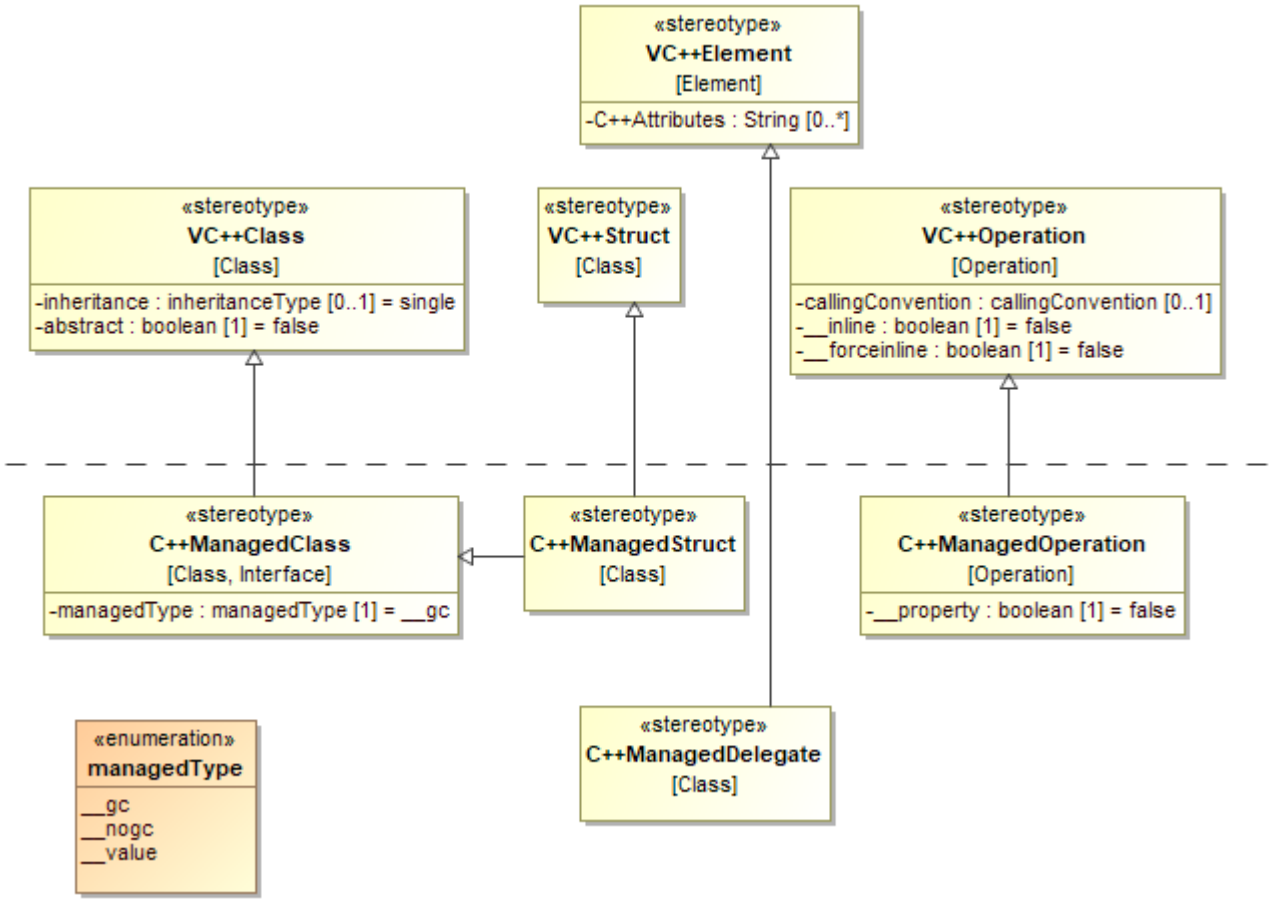
C++ managed profile



C++ managed profile stereotypes

> **Note**
>
> The profile table and description in this section does not include the tagged value inherited from other profiles.

Stereotype

C++ManagedClass

Name	Meta Class	Constraints
C++ManagedClass	Class	Represent the class declaration with version 1 of Managed Extension for C++.
Tag	**Type**	**Description**
managedType	managedType[1] = __gc (enumeration) See managedType	

C++ManagedStruct

Name	Meta Class	Constraints
C++ManagedStruct	Class	Represent the class declaration with version 1 of Managed Extension for C++.

C++ManagedOperation

Name	Meta Class	Constraints
C++ManagedOperation	Operation	
Tag	**Type**	**Description**
__property	boolean[1] = false	Represent the usage of __**property** keyword. It is a feature in version 1 of Managed Extension for C++.

C++ManagedDelegate

Name	Meta Class	Constraints
C++Managed Delegate	Class	Represent the delegate declaration with version 1 of Managed Extension for C++. It defines a reference type that can be used to encapsulate a method with a specific signature.

Enumeration

managedType

Literal	Description
__gc	Represent managed declaration with __**gc** keyword.
__nogc	Represent the usage of __**nogc** keyword, which is used to explicitly specify that an object is allocated on the standard C++ heap.
__value	Represent managed declaration with __value keyword. A __**value** type differs from __**gc** types in that __**value** type variables directly contain their data, whereas managed variables point to their data, which is stored on the common language runtime heap.