

This code is emitted only if the imported entity is referenced as a *PrimaryExpression* somewhere in the body of the importing module. If an imported entity is referenced only as a *TypeName* or *ModuleName*, nothing is emitted. This ensures that types declared in one internal module can be referenced through an import alias in another internal module with no run-time overhead.

When a variable is exported, all references to the variable in the body of the module are replaced with

`<ModuleName>.<VariableName>`

This effectively promotes the variable to be a property on the module instance and ensures that all references to the variable become references to the property.

When a function, class, enum, or module is exported, the code generated for the entity is followed by an assignment statement of the form

`<ModuleName>.<EntityName> = <EntityName>;`

This copies a reference to the entity into a property on the module instance.