

Note that class and enum members are never directly in scope—they can only be accessed by applying the dot (‘.’) operator to a class instance or enum object. This even includes members of the current instance in a constructor or member function, which are accessed by applying the dot operator to `this`.

As the rules above imply, locally declared entities in an internal module are closer in scope than exported entities declared in other module declarations for the same internal module. For example:

```
var x = 1;
module M {
  export var x = 2;
  console.log(x);    // 2
}
module M {
  console.log(x);    // 2
}
module M {
  var x = 3;
  console.log(x);    // 3
}
```