Equivalent classes in NLG

When there are two equivalent classes:

- If classes do not share the same name, one class will show **Equivalent to** and the other will show **See**.

CCM Natural Language Glossary

P

Principal Resident of White House

Model-Generated Definition:

Equivalent to US President.

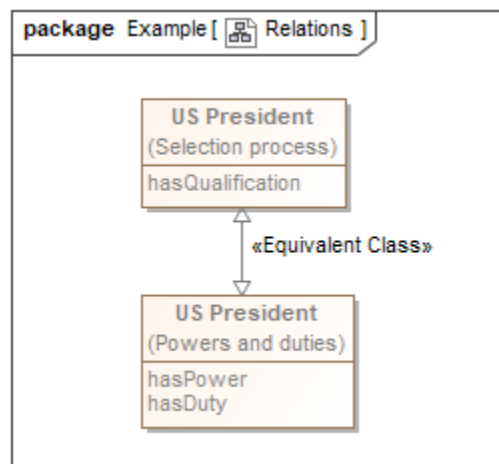Definition: *The head of state and head of government of the United States of America.*

U

US President

See Principal Resident of White House.

Classes with different names in the Natural Language Glossary.

- If both classes share the same name, it will appear as one class with all the properties from both classes.

Classes with the same name.

CCM Natural Language Glossary

U

US President

Model-Generated Definition:

A valid occurrence may have the following properties:

- *hasQualification* any number of values of any type.
- *hasPower* any number of values of any type.
- *hasDuty* any number of values of any type.

Definition: *The head of state and head of government of the United States of America.*

Two equivalent classes appear as one class with all their properties displayed.

The following information explains how to determine which Class shows **Equivalent to** or **See**.

- If only one class has documentation:
  - This class will show **Equivalent to** and list the rest of the classes it is equivalent to.
  - The rest of the classes will show **See** with the link going back to the class that shows **Equivalent to**.
- More than one class has documentation:
  - First class with documentation in alphabetical order will show **Equivalent to** and list rest of the classes it is equivalent to.
  - The rest of the classes will show **See** with the link going back to the class that shows **Equivalent to**.
- None of the classes have documentation:
  - First class in alphabetical order will show **Equivalent to** and list rest of the classes it is equivalent to.
  - The rest of the classes will show **See** with the link going back to the class that shows **Equivalent to**.

CCM Natural Language Glossary

P

Principal Resident of White House

Model-Generated Definition:

Equivalent to US President.

Definition:

- *The head of state and head of government of the United States of America.*
- *The first president of the United States is George Washington.*

U

US President

See Principal Resident of White House.

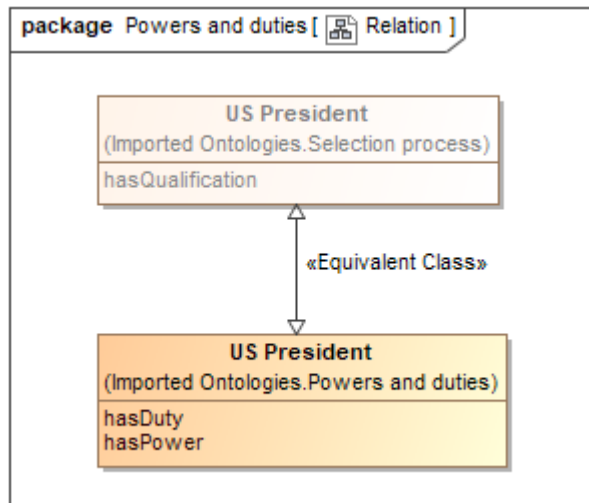The merging of definitions of the equivalent classes when more than one class has documentation.

⚠ **Note**

Related page

- Natural Language Glossary

- The class that shows **Equivalent to** lists all properties and annotations from all the classes it is equivalent to.

- The class that shows **See** does not show any of the properties or annotations.

- All same named classes show (***package name***) to differentiate each same named class.

Each different package name assigned to each class having the same name.