

Tutoriel de saisie de Nomenclature

Les nomenclatures d'objets métier, produits et services impliquent trois niveaux de description du référentiel.

- Au niveau « métier » les typologies d'objets et de documents.
- Au niveau « fonctionnel » les nomenclatures effectives des productions et services au catalogue de ce que propose l'entreprise.
- Au niveau « opérationnel » les occurrences de produits et services effectivement apportés par l'entreprise.

Niveau Métier : Les Typologies métier d'objets et documents

The screenshot displays the Protégé 3.2.1 ontology editor interface. The main window title is "TD_URSI_TBOX2 Protégé 3.2.1 (file:/home/henry/Tools/Projects/TD_URSI/InputData/OWL/TD_URSI_TBOX2.pprj, OWL / RDF Files)". The interface is divided into several panels:

- SUBCLASS EXPLORER:** Shows the "Asserted Hierarchy" for the project "TD_URSI_TBOX2". The hierarchy starts with "owl:Thing" and includes several levels of classes, with "Business_Object_Type_Class" selected and expanded to show subclasses like "Accounting_document_Type_Class", "Business_Document_Type_Class", etc.
- CLASS EDITOR:** Shows the "For Class: Business_Object_Type_Class (instance of owl:Class)". It contains a table of properties and their values:

Property	Value	Label
<input type="checkbox"/> rdfs:comment		
<input type="checkbox"/> rdfs:label	Type d'objet métier	

- Properties and Restrictions:** Lists various properties and restrictions for the selected class, such as "Coding_formula (single string)", "is_type_of (multiple Business_Object_Class)", "Audio_URL (single anyURI)", "Cost (single float)", "Image_URL (single anyURI)", "is_defined_by (multiple Term_Class)", "URL (multiple anyURI)", "What", "When", and "Where".
- Superclasses:** Shows the superclass "Level_2_Business_Entity_Class".

The bottom right corner of the interface has radio buttons for "Logic View" and "Properties View", with "Properties View" currently selected.

Niveau fonctionnel : les instances aux catalogues de l'entreprise

The screenshot shows the Protégé 3.2.1 interface. The main window title is "TD_URSI_TBOX² Protégé 3.2.1 (file:/home/henry/Tools/Projects/TD_URSI/InputData/OWL/TD_URSI_TBOX².pprj, OWL / RDF Files)". The menu bar includes File, Edit, Project, OWL, Code, Tools, Window, and Help. The toolbar contains various icons for file operations and editing.

The interface is divided into several panes:

- SUBCLASS EXPLORER:** Shows the asserted hierarchy for the project "TD_URSI_TBOX²". The hierarchy starts with "owl:Thing" and includes several classes, with "Level_3_Functional_Entity_Class" selected and highlighted. Its subclasses include "BPMN_Entity_Class", "Business_Object_Class", "BOM_entity_Class", "CatalogEntity_Class", "Choice_Criterium_Class", "Family_Class", "Product_Model_Class", "Functional_Document_Class", "Object_Characteristic_Class", and "OrganizationResource_Class".
- CLASS EDITOR:** Shows the editor for the selected class "Level_3_Functional_Entity_Class". It displays a table of properties and their values.

Property	Value
rdfs:comment	Cette catégorie correspond au troisième niveau de la classification proposée par Zachmann et le CIGREF. Le niveau fonctionnel regroupe les entités relatives à l'organisation spécifique d'une entreprise ou d'une organisation. elle y est formellement, décrite dans sa structure et son déploiement dans l'espace, avec ses affectations de sujets de préoccupation et ses

At the bottom right, there are radio buttons for "Logic View" (selected) and "Properties View".

Niveau opérationnel : les occurrences gérées des produits et services de l'entreprise

The screenshot displays the Protégé 3.2.1 interface. The top window title is "TD_URSI_TBOX² Protégé 3.2.1 (file:/home/henry/Tools/Projects/TD_URSI/InputData/OWL/TD_URSI_TBOX².pprj, OWL / RDF Files)". The interface is divided into several panes:

- SUBCLASS EXPLORER:** Shows the "Asserted Hierarchy" for the project "TD_URSI_TBOX²". The hierarchy starts with "owl:Thing" and includes several levels of classes. The "Level_6_Exploitation_Entity_Class" is expanded, showing sub-classes like "Catalog_Class", "Operational_Data_Class", "Operational_Document_Class", "Part_Occurrence_Class", and "TOGAF_Entity_Class". The "Product_Occurrence_Class" is highlighted as a subclass of "Part_Occurrence_Class".
- CLASS EDITOR:** Shows the "For Class: Product_Occurrence_Class (instance of owl:Class) [Inferred View]". It contains a table of properties and their values:

Property	Value	Label
<input type="checkbox"/> rdfs:comment		
<input type="checkbox"/> rdfs:label	Occurrence Individuelle de Produit	

- Properties and Restrictions:** Lists various properties for the class, such as "has_occurrence_characteristic", "has_place", "instanciate", "is_an_occurrence_of", "is_composed_of_occurrence", "Audio_URL", "compose_the_product_occurrence", "Cost", "Image_URL", and "is_connected_to_occurrence".
- Defining Classes:** Shows the "Part_Occurrence_Class" as a defining class.

The bottom right corner of the interface shows the view mode set to "Properties View".

Traçé des familles

Les familles de produits et leurs classifications sont définies via des informations collectées au niveau « métier », pour ce que ceci n'est pas spécifique de l'organisation instantanée de l'entreprise.

L'exemple de saisie ci-après est une illustration de concepts, normalement implémentés dans des applications séparées, intéropérables pour le référencement des instances de modèles en aval.

Ajout d'une famille de produits

The screenshot displays the Protégé 3.2.1 interface for editing an ontology. The main window is titled "TD_URSI_TBOX² Protégé 3.2.1" and shows the file path: "(file:/home/henry/Tools/Projects/TD_URSI/InputData/OWL/TD_URSI_TBOX².pprj, OWL / RDF Files)".

The interface is divided into several panes:

- CLASS BROWSER:** Shows a class hierarchy for "TD_URSI_TBOX²". The "Product_Family_Class" is highlighted under the "Family_Class" sub-class.
- INSTANCE BROWSER:** Shows the "Asserted Instances" for "Product_Family_Class". A red circle highlights the "Create instance" button next to the "Product_Family_Class_2" instance.
- INDIVIDUAL EDITOR:** Shows the details for the "Product_Family_Class_2" instance. The "is_exposed_in" property is highlighted with a red box. Other properties visible include "Audio_URL", "Coding_formula", "Image_URL", "Cost", "URL", "has_subfamily", "is_a_subfamily_of", "is PartOfDA", "is_defined_by", "is Processed By LAC", "is hardware provided_b", and "is Supplied And Or Consumed".

The "Individual Editor" also features a table for "Annotations" with columns for "Property", "Value", and "Lang".

Des familles de produits et de pièces

The screenshot displays the Protégé 3.2.1 interface for the ontology 'TD_URSI_TBOX2'. The interface is organized into three main panes:

- CLASS BROWSER:** Shows the class hierarchy for the project. The selected class is `Product_Family_Class`, which is a subclass of `Family_Class`. Other classes include `Level_1_Strategic_Entity_Class`, `Business_Concern_Class`, `Cause-Effect_Entity_Class`, `Company_Class`, `Rationale_Entity_Class`, `Term_Class`, `Level_2_Business_Entity_Class`, `Business_Document_Class`, `Business_Object_Type_Class`, `DocumentType_Class`, `Service_Family_Class`, `LifeCycleStep_Class`, `ProfessionalQualification_Class`, `Requirement_Class`, `Value-Chain_Entity_Class`, `Level_3_Functional_Entity_Class`, `BPMN_Entity_Class`, `Business_Object_Class`, `BOM_entity_Class`, `BOM_Product_View_Class`, `Product_Model_Class`, `Part_Port_Model_Class`, `Service_Class`, `CatalogEntity_Class`, `Functional_Document_Class`, and `Object_Characteristic_Class`.
- INSTANCE BROWSER:** Shows the instances of the selected class `Product_Family_Class`. The instances listed are `Autocoureur`, `Couvercle`, `Cuve`, `Fermeir_de_couvercle`, `Poignée`, and `Soupape`. A red circle highlights the `Soupape` instance.
- INDIVIDUAL EDITOR:** Shows the properties of the selected instance `Soupape`. The properties are organized into a grid. The property `is_exposed_in` is highlighted with a red box. Other properties include `Audio_URL`, `Coding_formula`, `Image_URL`, `Cost`, `has_subfamily`, `is AccessedAnd Upda`, `is_a_subfamily_of`, `is PartOfDA`, `is_defined_by`, `is ProcessedByLAC`, `URL`, `is hardware_provid`, `is SuppliedAnd Or Coi`, and `version`.

Création de sous-familles de produits

The screenshot displays the Protégé 3.2.1 interface for editing the ontology TD_URSI_TBOX². The interface is divided into three main panes:

- CLASS BROWSER:** Shows the class hierarchy. The **Product_Family_Class** is selected, and its subclasses, **Autocuisseur_Aluminium** and **Autocuisseur_Inox**, are highlighted with green circles.
- INSTANCE BROWSER:** Shows the asserted instances of **Product_Family_Class**, including **Autocuisseur**, **Autocuisseur_Aluminium**, **Autocuisseur_Inox**, **Couvercle**, **Cuve**, **Fermeoir_de_couvercle**, **Poignée**, and **Soupape**.
- INDIVIDUAL EDITOR:** Shows the details for the instance **Autocuisseur**. The **has_subfamily** property is highlighted with a red circle, and a **create new resource...** button is visible next to it. The **is_exposed_in** property is highlighted with a red rectangle.

The **Individual Editor** also shows various other properties such as **Audio_URL**, **Coding_formula**, **Image_URL**, **Cost**, **is_a_subfamily_of**, **is Part Of DA**, **is_defined_by**, **is Processed By LAC**, **is hardware provided**, and **is Supplied And Or Coi**.

Des familles d'objets d'interface (joint, piquage etc.)

The screenshot displays the Protégé 3.2.1 interface for the ontology TD_URSI_TBOX2. The main window is divided into three primary panes:

- CLASS BROWSER:** Shows a class hierarchy for 'owl:Thing'. The class 'Part_Port_Family_Class' is highlighted with a green circle, indicating it is the selected class.
- INSTANCE BROWSER:** Shows asserted instances for the selected class. The instance 'Piquage_de_soupape' is highlighted with a red circle, and a 'Create instance' button is visible next to it.
- INDIVIDUAL EDITOR:** Shows the properties of the instance 'Piquage_de_soupape'. The table below lists the properties and their values:

Property	Value	Lang
D rdfs:comment		
D rdfs:label	Piquage de soupape	

Below the table, various property editors are visible, including 'Audio_URL', 'Coding_formula', 'Image_URL', 'Cost', 'URL', 'has_subfamily', 'is_type_of', 'is_a_subfamily_of', 'is AccessedAndUpda', 'is_exposed_in', 'is compatible_with', 'is PartOfDA', and 'is_defined_by'. The 'is_exposed_in' and 'is compatible_with' property editors are highlighted with red boxes.

Traçé des instances

Les instances des familles de produits sont tracées via des informations collectées au niveau « fonctionnel », pour ce que ceci est spécifique de l'organisation instantanée de l'entreprise.

L'exemple de saisie ci-après est une illustration de concepts, normalement implémentés dans des applications séparées, intéropérables pour le référencement des familles en amont, et des occurrences en aval.

Instanciation de modèles de produits et de composants

The screenshot displays the Protégé 3.2.1 interface for an ontology project named 'TD_URSI_TBOX²'. The main window is divided into several panes:

- CLASS BROWSER:** Shows the class hierarchy for 'TD_URSI_TBOX²'. The 'Family_Class' is expanded, showing 'Product_Family_Class' (8 instances) and 'Service_Family_Class'.
- INSTANCE BROWSER:** Shows the 'Asserted Instances' for 'Product_Family_Class', including 'Autocouiseur' and 'Autocouiseur Aluminium'.
- INDIVIDUAL EDITOR:** Shows the 'Autocouiseur' instance. It features several property editors, some of which are highlighted with red boxes:
 - is_exposed_in:** A text input field.
 - is_managed_by_cata:** A text input field.
 - has_instance_model:** A dropdown menu with a red circle highlighting the selection process.
- Select type of new resource dialog:** A modal dialog box is open, showing a list of classes to choose from. 'Product_Model_Class' and 'Part_Port_Model_Class' are visible.

The interface also includes a menu bar (File, Edit, Project, OWL, Code, Tools, Window, Help), a toolbar, and a status bar at the bottom.

Définition d'une instance

INDIVIDUAL EDITOR
For Individual: AC-AL-10-01 (instance of Product_Model_Class)

Property	Value	Lang
rdfs:comment	Autocuseur Aluminium 10 litre modèle 01	
rdfs:label	AC-AL-10-01	

INDIVIDUAL EDITOR
For Individual: Autocuseur (instance of Product_Family_Class)

Identification sémantique : classe/sous classe/ sous classe /N° modèle

is_exposed_in

is_managed_by_cata

has LifecycleStep

has_instance_model

- AC-AL-05-01
- AC-AL-10-01

Instanciation de composant partagé

The screenshot shows the Protégé software interface. The main window is titled "C-AL-25-01 (instance of Product_Model_Class)". The "INDIVIDUAL EDITOR" is active, showing a table of properties and values for the instance "C-AL-25-01".

Property	Value	Lang
rdfs:comment	Couvercle Aluminium 25cm modèle 01	
rdfs:label	C-AL-25-01	

Below the table, there is a list of instance types. The "has_LifecycleStep" property is highlighted with a red box. The "Select resources" dialog is open, showing a list of instances under "Direct Asserted Instances". The instance "AC-AL-10-01" is selected.

Allowed Classes:

- Product_Model_Class (5)
- Part_Port_Model_Class

Direct Asserted Instances:

- AC-AL-05-01
- AC-AL-10-01
- AC-ST-05-01
- AC-ST-10-01
- C-AL-25-01

Un composant est-il un Port ?

The screenshot shows the Protégé 3.2.1 interface. The top window title is "TD_URSI_TBOX² Protégé 3.2.1 (file:/home/henry/Tools/Projects/TD_URSI/InputData/OWL/TD_URSI_TBOX².pprj, OWL / RDF Files)". The interface is divided into several panes:

- CLASS BROWSER:** Shows a class hierarchy for "TD_URSI_TBOX²". The "Part_Port_Model_Class" is selected.
- INSTANCE BROWSER:** Shows "Asserted Instances" for "Part_Port_Model_Class", including "B-AL-05-01".
- INDIVIDUAL EDITOR:** Shows the "Individual Editor" for "B-AL-05-01" (instance of "Part_Port_Model_Class"). It displays a table of properties and values:

Property	Value	Lang
rdfs:comment	Boî Aluminium 5 litres modèle 01	
rdfs:label	B-AL-05-01	

Below the table, several properties are listed with their corresponding icons. A blue callout box with the text "Réaffectation pour accéder à la propriété de compatibilité" points to the "is_compatible_with" property, which is highlighted with a red box. Other properties highlighted with red boxes include "has_characteristic" and "is_managed_by_cata".

Autre modèle d'instance de composant partagée

The screenshot displays the Protégé 3.2.1 interface for a project named 'TD_URSI_TBOX²'. The main window is divided into several panes:

- CLASS BROWSER:** Shows a class hierarchy for 'owl:Thing', including classes like 'Level_1_Strategic_Entity_Class', 'Business_Concern_Class', and 'Product_Model_Class'.
- INSTANCE BROWSER:** Shows 'Asserted Instances' for the class 'Product_Model_Class', listing instances such as 'AC-AL-05-01', 'AC-AL-10-01', 'AC-ST-05-01', 'AC-ST-10-01', 'B-AL-05-01', 'B-AL-10-01', 'B-ST-05-01', 'B-ST-10-01', 'C-AL-25-01', 'C-ST-25-01', and 'SP-2-01'.
- INDIVIDUAL EDITOR:** Shows the editor for the instance 'SP-2-01' (instance of 'Product_Model_Class'). It contains a table of properties and values:

Property	Value	Lang
rdfs:comment	Soupape 2bars modèle 01	
rdfs:label	SP-2-01	

Below the table, there are several property slots, some of which are highlighted with red boxes:

- has_characteristic** (highlighted in red)
- is_managed_by_cata** (highlighted in red)

A 'Select resources' dialog box is open in the foreground, showing 'Allowed Classes' (Product_Model_Class (11), Part_Port_Model_Class) and 'Direct Asserted Instances' (AC-AL-05-01, AC-AL-10-01, AC-ST-05-01, AC-ST-10-01, B-AL-05-01, B-AL-10-01, B-ST-05-01, B-ST-10-01, C-AL-25-01, C-ST-25-01, SP-2-01).

Compatibilité de connexion

The screenshot displays the Protégé 3.2.1 interface for an ontology project named 'TD_URSI_TBOX²'. The main window is divided into several panes:

- CLASS BROWSER:** Shows a class hierarchy starting with 'owl:Thing'. Selected classes include 'Level_1_Strategic_Entity_Class (3)', 'Business_Concern_Class', 'Cause-Effect_Entity_Class', 'Company_Class (1)', 'Rationale_Entity_Class', 'Term_Class', 'Level_2_Business_Entity_Class (4)', 'Business_Document_Class', 'Business_Object_Type_Class (2)', 'Family_Class', 'Part_Port_Family_Class (2)', and 'Part_Port_Model_Class (10)'. The 'Part_Port_Model_Class' is highlighted.
- INSTANCE BROWSER:** Shows 'Asserted Instances' for the selected class 'Part_Port_Model_Class'. The instances listed are: B-AL-05-01, B-AL-10-01, B-ST-05-01, B-ST-10-01, C-AL-25-01, C-ST-25-01, JT-7-25-01, JT-7-25-02, PSP-2-01, and SP-2-01. 'SP-2-01' is selected.
- INDIVIDUAL EDITOR:** Shows the selected individual 'SP-2-01' (instance of 'Part_Port_Model_Class'). It displays a table of properties and values:

Property	Value	Lang
rdfs:comment	Soupape 2bars modèle 01	
rdfs:label	SP-2-01	
- Select resources dialog:** A modal dialog box titled 'Select resources' is open. It has two panes: 'Allowed Classes' (containing 'Part_Port_Model_Class (10)' and 'Part_Port_Family_Class (2)') and 'Direct Asserted Instances' (containing the same list of instances as the Instance Browser). 'Part_Port_Model_Class' and 'SP-2-01' are selected in their respective panes.

The 'Individual Editor' also shows a list of properties for the selected individual, with three properties highlighted in red boxes:

- is_compatible_with:** A list of instances: AC-AL-05-01, AC-ST-05-01, AC-AL-10-01, and AC-ST-10-01.
- has_characteristic:** A list of instances: B-AL-05-01, B-AL-10-01, B-ST-05-01, B-ST-10-01, C-AL-25-01, C-ST-25-01, JT-7-25-01, JT-7-25-02, PSP-2-01, and SP-2-01.
- is_managed_by_cata:** A list of instances: B-AL-05-01, B-AL-10-01, B-ST-05-01, B-ST-10-01, C-AL-25-01, C-ST-25-01, JT-7-25-01, JT-7-25-02, PSP-2-01, and SP-2-01.

Description des compatibilités de connexion

The screenshot displays the Protégé 3.2.1 interface for editing an ontology. The main window is titled "TD_URSI_TBOX² Protégé 3.2.1" and shows the file path: "(file:/home/henry/Tools/Projects/TD_URSI/InputData/OWL/TD_URSI_TBOX².pprj, OWL / RDF Files)".

The interface is divided into several panes:

- CLASS BROWSER:** Shows the class hierarchy for "TD_URSI_TBOX²". The "Part_Port_Model_Class" is highlighted in the hierarchy.
- INSTANCE BROWSER:** Shows the asserted instances for "Part_Port_Model_Class". The instance "C-AL-25-01" is selected.
- INDIVIDUAL EDITOR:** Shows the properties for the individual "C-AL-25-01". The "rdfs:comment" is "Couvercle Aluminium 25cm modèle 01" and the "rdfs:label" is "C-AL-25-01".

The "Individual Editor" also displays a list of properties and their values for the selected individual:

Property	Value	Lang
rdfs:comment	Couvercle Aluminium 25cm modèle 01	
rdfs:label	C-AL-25-01	

Below the table, there are several property editors. The "is_compatible_with" property is highlighted with a red circle, and its value is a list of instances: "PSP-2-01", "JT-7-25-01", and "JT-7-25-02". The "has_characteristic" and "is_managed_by_cata" properties are highlighted with red boxes.

Définition de caractéristique

The screenshot shows the Protégé 3.2.1 interface with the 'Individual Editor' window open for 'Object_Characteristic_Class_31'. The window displays a table of properties and values, and a list of instances for the 'is_managed_by_cata' property.

Individual Editor: Object_Characteristic_Class_31 (instance of Object_Characteristic_Class)

Property	Value	Lang
rdfs:comment		

is_managed_by_cata (instance of Part_Port_Model_Class)

Value	Lang
modèle 01	

Instances of is_managed_by_cata:

- AC-AL-05-01
- AC-ST-05-01
- AC-AL-10-01
- AC-ST-10-01

is_managed_by_cata (instance of Object_Characteristic_Class_31):

- Object_Characteristic_Class_31

A red box highlights the 'is_managed_by_cata' property, and a tooltip 'Create new resource...' is visible over the 'Object_Characteristic_Class_31' instance.

Ici, une pression de tarage, en bars

The screenshot displays the Protégé software interface, showing the configuration of an individual named 'Pression_de_tarage' (instance of Object_Characteristic_Class). The interface is divided into several panels:

- Individual Editor:** Shows the individual 'Pression_de_tarage' with its annotations. A table lists properties and their values:

Property	Value	Lang
rdfs:comment		
rdfs:label	Pression de tarage	
- Property Configuration:** A list of properties with their values and types. For example, 'Audio_URL' is set to 'anyURI', 'Unit' is 'bar', and 'Maximum Cardinality' is '1'. The 'is_a_characteristic_of' property is set to 'SP-2-01'.
- Instance Editor:** Shows the instance 'modèle 01' (instance of Part_Port_Model_Class) with its annotations. A table lists properties and their values:

Property	Value	Lang
rdfs:comment		
rdfs:label	modèle 01	
- Instance Configuration:** A list of properties for the instance. The 'is_managed_by_cata' property is highlighted with a red box, and a tooltip 'Create new resource...' is visible over it.

Traçé des occurrences

Les occurrences des modèles de produits sont tracées via des informations collectées au niveau « exploitation »

L'exemple de saisie ci-après est une illustration de concepts, normalement implémentés dans des applications séparées, intéropérables pour le référencement des modèles d'instance

Définition d'une occurrence produite, vendue.

The screenshot displays the Protégé 3.2.1 interface with the following components:

- CLASS BROWSER:** Shows a class hierarchy for 'TD_URSI_TBOX²'. The 'Product_Model_Class' is expanded, showing subclasses like 'Part_Port_Model_Class'.
- INSTANCE BROWSER:** Shows the 'Autociseur_Inox_3.14159265' instance under the 'Product_Occurrence_Class'.
- INDIVIDUAL EDITOR:** Shows the configuration for the instance 'Autociseur_Inox_3.14159265' (instance of Product_Occurrence_Class). It includes a table for properties and values, and a section for relationships like 'is_an_occurrence_of' and 'is_connected_to_occurrence'.
- Annotations Table:** A table with columns 'Property', 'Value', and 'Lang'. The first row shows 'rdfs:comment'.
- Relationships:** The 'is_an_occurrence_of' relationship is being configured. A 'Select a resource' dialog is open, showing 'Allowed Classes' (Product_Model_Class (4) and Part_Port_Model_Class (10)) and 'Direct Asserted Instances' (AC-AL-05-01, AC-AL-10-01, AC-ST-05-01, AC-ST-10-01).
- Annotations:** A blue callout box labeled 'Modèle' points to the 'is_an_occurrence_of' relationship.
- Instance ID:** A blue callout box labeled 'N° de série' points to the instance ID 'Autociseur_Inox_3.14159265' in the Instance Browser.

Traçé des occurrences de ses composants

The screenshot displays the Protégé 3.2.1 interface for editing an ontology. The main window is titled "TD_URSI_TBOX² Protégé 3.2.1" and shows the file path: "(file:/home/henry/Tools/Projects/TD_URSI/InputData/OWL/TD_URSI_TBOX².pprj, OWL / RDF Files)".

The interface is divided into several panes:

- CLASS BROWSER:** Shows a class hierarchy for the project "TD_URSI_TBOX²". The hierarchy includes classes like Family_Class, Part_Port_Family_Class, Product_Family_Class, Service_Family_Class, LifeCycleStep_Class, ProfessionalQualification_Class, Requirement_Class, Value-Chain_Entity_Class, Level_3_Functional_Entity_Class, BPMN_Entity_Class, Business_Object_Class, BOM_entity_Class, BOM_Product_View_Class, Product_Model_Class, Part_Port_Model_Class, Service_Class, CatalogEntity_Class, Functional_Document_Class, Object_Characteristic_Class, OrganizationResource_Class, Place_Class, Level_4_Applicative_Entity_Class, Level_5_Technical_Entity_Class, Level_6_Exploitation_Entity_Class, Catalog_Class, Operational_Data_Class, Part_Occurrence_Class, Product_Occurrence_Class, and TOGAF_Entity_Class.
- INSTANCE BROWSER:** Shows asserted instances for the class "Part_Occurrence_Class". The instances listed are: Couvercle_Inox_3.14159256, Cuve_Inox_3.14159256, Joint_torique-S-e2.718281828, Piquage-S-e2.718281828, and Soupape-S-e2.718281828.
- INDIVIDUAL EDITOR:** Shows the editor for the individual "Couvercle_Inox_3.14159256" (instance of Part_Occurrence_Class). It includes a table for properties and values, and a section for "is_connected_to_occurrence" with a list of related individuals: Joint_torique-S-e2.718281828 and Piquage-S-e2.718281828. A blue callout box labeled "connexions" points to this section.

The "is_connected_to_occurrence" property is highlighted with a blue callout box labeled "connexions". The property is defined as a transitive property (indicated by a double-headed arrow icon) and is used to connect instances of the class Part_Occurrence_Class. The list of related individuals includes Joint_torique-S-e2.718281828 and Piquage-S-e2.718281828.