# Research Report

# Web Scales

**Taxonomies** 

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April 2022 – October 2022



# 1. <u>Introduction</u>

Ontology is a formal way of describing knowledge that consists of a set of perceptions for a specific field and a relationship between them. Hence, to achieve this, we need to initially develop a list of classes, attributes, and relationships among them.<sup>[1]</sup>

It is important to develop a domain ontology so that one can share a general idea about the domain. It can be suitable for further research in the specific domain. Not only for a brief overview of the domain but also for a clear understanding of the hierarchy and relationship between classes. It is very useful for users to navigate from one ontology to another one easily. Even it is easy to add other related features so that it can keep growing.<sup>[2]</sup>

Firstly, one needs to relate the same ontologies which make it easy to understand as only related classes and their relationships are together. In addition, this domain ontology makes the ontologies dynamic. Hence, it is easy to apply new emerging ontologies to it.

A **class hierarchy** in computer science is a classification of object types, denoting objects as the instantiations of class inter-relating the various classes by relationships such as "inherits", "extends", "is an abstraction of" and, "an interface definition".<sup>[6]</sup>

Taxonomical class hierarchy means the arrangement of classes in descending order in a top-down approach of a specific domain. [3] E.g., one parent class may contain zero or many subclasses which are also known as child classes. The class hierarchy takes almost everything into the account in a domain ontology that makes it clear to know its structure. It also makes it easy to understand the subclass and parent class relationship. Furthermore, it also makes it clear to understand the relation of one class of ontology with another. [3] In addition to this, we can even determine the sibling of the respective class. For creating a model of occupation as an ontology, firstly the classes and subclasses must be found followed by finding their relationship with each other so that the hierarchy of classes can be created. In such a way model for any ontology can be created.

# 2. State of the art

#### a. Top Down and Bottom-up approach

In the bottom-up approach, firstly collect all the concepts which come under that domain. After this only one can determine the relation of one concept with another. That is finding the parent class, siblings' class, and so on. In the way around at first, corpora of domain-related text are obtained via some statistical methods and then these are arranged in the hierarchical structure of the class.

In contrast, top-down approach the developer can decide the root class of the domain ontology. Using this root class, the developer extracts the related child classes or subclasses. Later on, the relationships are built upon these classes.

In the top-down approach start with the higher hierarchical classes and populate them with the classes with the narrow concept. From the previous schema or from the queries or from the corpora one must sort them by grouping them into hierarchical order.<sup>[4]</sup>



Hence, In the top-down development process, general concepts are defined first, and then the subsequent specializations are defined. In the bottom-up development process, specific classes are defined first and then we group these classes into more general concepts.<sup>[7]</sup>

The top-down approach can be used as a strategy for identifying concepts. The ontology can be developed and evaluated by the protégé tool query. [8] Visualization these ontologies can be even done using neo4j. Web scraping is also one of the way to get or expand the existing ontology.

#### b. Advantages and Disadvantages of both approches

Both approaches are unique in their own way but with every pros there exist cons too. The bottom-up approach is more systematic, predictable, more linear, and less chaotic but it also needs a lot of domain knowledge and also takes high consumption of time as one needs to find the concepts that belong to the domain, and then the relationship with classes is being constructed.

On the other part, in the top-down approach, one can just take the root class and expand it. It doesn't need the developer to be specialized in the field of that specific field. It is easy for beginners to just know about the basics of that domain and then they can expand it easily. Furthermore, the quality of ontology is not systematic because the developer doesn't have full knowledge about that domain.

If a developer has a systematic top-down view of the domain, then it may be easier to use the top-down approach.<sup>[5]</sup>

# 3. Working Algorithm

To begin with, I have selected one specific domain with which I was somewhat familiar i.e. occupation. Then tried to understand the domain. What is occupation? How is it different from other domains and what are all things I have to keep in mind while gathering the subclasses and their relationships

I have used various resources to gather the subclasses, classes, and their relations.

The root node (Occupation) was taken as a primary node to find its subnodes the same way these subnodes became the root node which was extended using the various websites manually. [9][10][11][12][13]

One of the subdomain in occupation is software engineer which I have extended automatically using web scraping.

#### a. <u>Importing dependencies</u>

To begin with I have imported all the required libraries (dependencies) which are useful for data aggregation and web scraping. BeautifulSoap is a python library that is used to pull data from HTML or XML documents. BeautifulSoap is built using python. Pandas are used for the manipulation of datasets. And NumPy is a fundamental package for scientific computing.

#### b. Web scraping

The software engineer occupation class was expanded using web scraping. URLs are from a different website<sup>[9][10]</sup> that contains the subclasses of the software engineer occupation class.



A software engineer is an occupation that comes under engineering occupation. Web scrapping was implemented using BeautifulSoap library. Using the request module, I have imported all the content from the HTML page in an HTML format.

Later on, I tried to find certain tags or divisions tags that can lead me to the required content. After acquiring the required information from the web page data frame was created using the Pandas library where the column represented the name of the subclass and its superclass respectively.

#### c. Data Aggregation

Once both datasets are created data aggregation takes place where the removal of duplicate values takes place. Additionally, data is preprocessed too where the spaces are replaced with "".

### d. Saving the data In Postgres

Once the data is preprocessed, then one can just open the OWL file which is created by protégé and append this data into it. At last, when the data will be appended to the OWL file then it will get saved as "occupation 10.08.owl".

# 4. Evaluation

Total number of checked subclass and disjoint class axioms = 265Total number of approved axioms = 261

$$Precision = \frac{\text{Total number of checked subclass and disjoint class axioms}}{\text{Total number of approved axioms}} * 100$$

$$=\frac{261}{265}*100 = 98.49\%$$



# 5. References

- [1] (n.d.). *Knowledge Graph in the Enterprise*. Onotext [Whitepaper]. https://www.ontotext.com/knowledgehub/fundamentals/what-are-ontologies/
- [2] Noy, N. F., & McGuinness, D. L. (2001). *Ontology Development 101: A Guide to Creating Your First Ontology*. Stanford, CA, 94305. https://protege.stanford.edu/publications/ontology\_development/ontology101-noy-mcguinness.html
- [3] Jin, Z. (2018). Environment Modeling-Based Requirements Engineering for Software Intensive Systems. Elsevier Inc. <a href="https://www.sciencedirect.com/book/9780128019542/environment-modeling-based-requirements-engineering-for-software-intensive-systems#book-description">https://www.sciencedirect.com/book/9780128019542/environment-modeling-based-requirements-engineering-for-software-intensive-systems#book-description</a>
- [4] Condon, D. N., Wood, D., Mõttus, R., Booth, T., Costantini, G., Greiff, S., Johnson, W., Lukaszewski, A., Revelle, W., Wright, A. G. C., Ziegler, M., & Zimmermann, J. (2019). Bottom Up Construction of a Personality Taxonomy. *European Journal of Psychological Assessment*, *36*(6). <a href="https://doi.org/19.01.2021">https://doi.org/19.01.2021</a>
- [5] Ontology. (2022, November 1). In *Wikipedia*. https://en.wikipedia.org/wiki/Ontology
- [6] Class hierarchy. (2022, April 3). In *Wikipedia*. https://en.wikipedia.org/wiki/Class\_hierarchy
- [7] [Web article] Parlar, S. (2019). *Ontologies: In Detail*. https://medium.com/. https://medium.com/analytics-vidhya/ontologies-in-detail-2916f9226133
- [8] Aminu, E. F., Oyefolahan, I. O., Abdullahi, M. B., & Salaudeen, M. T. (2020). A Review on Ontology Development Methodologies for Developing Ontological Knowledge Representation Systems for various Domains. *Modern Education and Computer Science Press*, 28-39. https://doi.org/ 10.5815/ijieeb.2020.02.05, 2020 [9]https://job-descriptions.org/jobs-in-systems-analysis-and-

# programming.html

- [10] https://www.careerplanner.com/Job-Descriptions-DOT/C.cfm
- [11] United States Army enlisted rank insignia. (2022, October 30). In *Wikipedia*. https://en.wikipedia.org/wiki/United\_States\_Army\_enlisted\_rank\_insignia [12] Army ranks and insignia of India. (2022, November 4). In *Wikipedia*. https://en.wikipedia.org/wiki/Army\_ranks\_and\_insignia\_of\_India
- [13] Army ranks and insignia of the Russian Federation. (2022, August 16). In Wikipedia.

 $https://en.wikipedia.org/wiki/Army\_ranks\_and\_insignia\_of\_the\_Russian\_Federation$ 



# 6. Appendices:

## Working algorithm(Python):

```
soup = BeautifulSoup(r.content, 'html5lib')
raw_2 = soup.findAll("div",{"id":"content"})
computer_occ = computer_occ[3:]
computer_occu = pd.DataFrame(computer_occ,columns = ["Class"])
raw_3.append(i.contents[0])
computer_eng_raw = []
 computer_eng_raw = []
for i in raw_3:
    if "COMPUTER" in i:
        if i not in computer_occ:
        computer_eng_raw.append(i)
computer_engineer.append(i.replace(",",""))
computer_eng_occ = pd.DataFrame(computer_engineer,columns = ["Class"])
data.drop("Unnamed: 0",axis=1,inplace=True)
```



# Protégé(Taxonomy)

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Trotégé(Taxonomy)

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▼ Orimary occupation

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Opomestic Fow Farming occupation

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Outine_Fishers occupation

▼ Oriestry_occupation

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OStructural_engineering_occupation
OTransportation_engineering_occupation
OEnvironmental_engineering_occupation
OEnvironmental_engineering_occupation
OEnvironmental_engineering_occupation
OEnvironmental_engineering_occupation
OEnvironmental_engineering_occupation
OCOMPUTER_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGINEERING_ENGI
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Neurologists_occupation

Neurologists_occupation

Pediatricians_occupation

Pediatricians_occupation

Pediatricians_occupation

Oral Administration_occupation

Owner occupation

Owner occupation

Owner occupation

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Oral occupation

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Voindan_doccupation
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▼ OUSA_army_officer_occupation
▼ OUSA_airforce_major_general_occupation
OAirforce_major_occupation
OAirforce_major_occupation
OGeneral_of_the_Air_Force_occupation
OGeneral_of_the_Air_Force_occupation
OGeneral_of_the_Air_Force_occupation
OGeneral_of_the_Air_Force_occupation
OGeneral_of_the_Air_occupation
OGeneral_of_the_Air_occupation
OGroundForce_major_occupation
OGroundForce_major_occupation
OUSA_anay_occupation
OUSA_anay_occupation
OUSA_air_occupation
OUSA_vice_admiral_occupation
OUSA_vice_admiral_occupation
V OIndia_Service_occupation
V OIndia_Chiar_man_and_speaker_of_states_legislatures_occupation
OIndia_Chief_Unstee_of_high_courts_occupation
OIndia_Chief_Unstee_of_high_courts_occupation
OIndia_Openty_Chief_Minister_of_states_occupation
OIndia_Openty_Chief_Minister_of_states_occupation
V OIndia_Openty_Chief_Minister_of_states_occupation
V OIndia_Chief_wiser_occupation
V OIndia_Chief_Minister_of_states_occupation
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▼ O Union_civil_service_occupation

▼ O India_Cabinet_Minister_occupation

O India_Cabinet_Minister_occupation

O India_Garculture_Minister_occupation

O India_Education_Minister_occupation

O India_External_Affairs_Minister_occupation

O India_External_Affairs_Minister_occupation

O India_Home_Minister_occupation

O India_Home_Minister_occupation

O India_Railway_Minister_occupation

O India_Tourism_Minister_occupation

O India_Tourism_Minister_occupation

O India_Tourism_Minister_occupation

O India_Tourism_Minister_occupation

O India_Chief_Lustice_occupation

O India_Chief_Lustice_occupation
                                                                                                                                  O India_Deputy_minister_of the union_occupation

O India_Deputy_minister_of the union_occupation

O India_President_occupation

O India_Secretary_to_the_President_occupation

O India_Secretary_to_the_President_occupation

O India_Secretary_to_the_President_occupation

O India_Secretary_to_the_President_occupation

O India_Secretary_to_the_Occupation

O USA_Service_sector_occupation

O USA_Assistants_to_the_President_occupation

O USA_Assistants_to_the_President_occupation

O USA_Assistants_to_the_President_occupation

O USA_Secretary_of_Agriculture_occupation

O USA_Secretary_of_Ormmerce_occupation

O USA_Secretary_of_Health_and_Human_Services_occupation

O USA_Secretary_of_Health_and_Human_Services_occupation

O USA_Secretary_of_Housing_and_Urban_Development_occupation

O USA_Secretary_of_Housing_and_Urban_Development_occupation

O USA_Secretary_of_Urban_Secretary_occupation

O USA_Secretary_of_Urban_Secretary_occupation

O USA_Secretary_of_Urban_Secretary_occupation

O USA_Secretary_of_Veterars_Affairs_occupation

O USA_Secretary_of_Urban_Secretary_occupation

O USA_Secretary_of_the_Interior_occupation

O USA_Counselors_to_the_Interior_occupation

O USA_Counselors_to_the_Interior_occupation

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                                                                                                                                                                                                                                         OIndia_Deputy_minister_of_the_union_occupation
                                                                                                                                                                                                OUSA, Chief_Justice_of_the_United_States_occupation
OUSA_Counselors_to_the_President_occupation
OUSA_Desk_officers_of_federal_executive_departments_occupation
OUSA_Environmental_Protection_Agency_officer_occupation
OUSA_Servicy_occupation
OUSA_Movys_occupation
OUSA_OCCUPATION
OUSA_Mover_of_the_Intelligence_occupation
OUSA_Servicy_advisors_to_the_President_occupation
OUSA_Servicy_advisors_to_the_President_occupation
OUSA_Seare_of_the_House_of_Representatives_occupation
OUSA_Trade_Representatives_occupation
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OUSA_Space_of_full_Protection_OUSA_Trade_Representatives_occupation
                                                                    ▼  Secondary_occupation
   Coal_liquefication_occupation
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○ Flight_attendent_of
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# **Evaluation Table**

<u>Evaluation Table</u>		
<u>Axioms</u>	<u>Logical Test</u>	Res ult
Subclass axiom for the class	Test 1 "Every	+
"Aquatic_Life_Cultivation_And_Related_occ upation"	Aquatic_Life_Cultivation_And_Related_occ upation is a Fishery_And_Related_occupation"	
Disjoint class axiom of the class "Aquatic_Life_Cultivation_And_Related_occ upation"	Test 2 "No Aquatic_Life_Cultivation_And_Related_occ upation is Line_Fishers_occupation "	-
Subclass axiom for the class "Line_Fishers_occupation"	Test 1 "Every Line_Fishers_occupation is a Fishery_And_Related_occupation"	+
Disjoint class axiom of the class "Line_Fishers_occupation"	Test 2 "No Line_Fishers_occupation is Aquatic_Life_Cultivation_And_Related_occupation"	+
Subclass axiom for the class "Animal_Service_occupation"	Test 1 "Every Animal_Service_occupation is a Animal_Farming_occupation"	-
Disjoint class axiom of the class "Animal_Service_occupation"	Test 2 "No Animal_Service_occupation is Domestic_Animal_Farming_occupation"	+
Disjoint class axiom of the class "Animal_Service_occupation"	Test 2 "No Animal_Service_occupation is Domestic_Fowl_Farming_occupation "	+
Disjoint class axiom of the class "Animal_Service_occupation"	Test 2 "No Animal_Service_occupation is Lower_Animal_Farming_occupation "	+
Subclass axiom for the class "Domestic_Animal_Farming_occupation"	Test 1 "Every Domestic_Animal_Farming_occupation is a Animal_Farming_occupation"	+
Disjoint class axiom of the class "Domestic_Animal_Farming_occupation"	Test 2 "No Domestic_Animal_Farming_occupation is Animal_Service_occupation "	+
Disjoint class axiom of the class "Domestic_Animal_Farming_occupation"	Test 2 "No Domestic_Animal_Farming_occupation is Domestic_Fowl_Farming_occupation"	-
Disjoint class axiom of the class "Domestic_Animal_Farming_occupation"	Test 2 "No Domestic_Animal_Farming_occupation is Lower_Animal_Farming_occupation"	+
Subclass axiom for the class "Domestic_Fowl_Farming_occupation"	Test 1 "Every Domestic_Fowl_Farming_occupation is a Animal_Farming_occupation"	+
Disjoint class axiom of the class "Domestic_Fowl_Farming_occupation"	Test 2 "No Domestic_Fowl_Farming_occupation is Domestic_Animal_Farming_occupation "	-



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Disjoint class axiom of the class "Domestic_Fowl_Farming_occupation"	Test 2 "No + Domestic_Fowl_Farming_occupation is	
Domestic_i owi_i arriiing_occupation	Animal Service occupation "	
Disjoint class axiom of the class	Test 2 "No +	
"Domestic_Fowl_Farming_occupation"	Domestic_Fowl_Farming_occupation is Lower_Animal_Farming_occupation "	
Subclass axiom for the class	Test 1 "Every +	
"Lower_Animal_Farming_occupation"	Lower_Animal_Farming_occupation is a Animal_Farming_occupation"	
Disjoint class axiom of the class	Test 2 "No +	
"Lower_Animal_Farming_occupation"	Lower_Animal_Farming_occupation is Domestic_Animal_Farming_occupation "	
Disjoint class axiom of the class	Test 2 "No +	
"Lower_Animal_Farming_occupation"	Lower_Animal_Farming_occupation is	
	Animal_Service_occupation "	
Disjoint class axiom of the class	Test 2 "No +	
"Lower_Animal_Farming_occupation"	Lower_Animal_Farming_occupation is	
	Domestic_Fowl_Farming_occupation "	
Subclass axiom for the class	Test 1 "Every Professor_occupation is a +	
"Professor_occupation"	Teaching_occupation"	
Disjoint class axiom of the class  "Professor_occupation"	Test 2 "No Professor_occupation is + School_master_occupation"	
Subclass axiom for the class "School_master_occupation"	Test 1 "Every School_master_occupation is + a Teaching_occupation" +	
Disjoint class axiom of the class	Test 2 "No School_master_occupation is +	
"School_master_occupation	Professor_occupation "	
Subclass axiom for the class	Test 1 "Every +	
"Structural_engineering_occupation"	Structural_engineering_occupation is a	
	Civil_engineering_occupation"	
Disjoint class axiom of the class	Test 2 "No +	
"Structural_engineering_occupation"	Structural_engineering_occupation is	
	Transportation_engineering_occupation "	
Subclass axiom for the class	Test 1 "Every +	
"Transportation_engineering_occupation"	Transportation_engineering_occupation is	
District sleep suices of the day	a Civil_engineering_occupation"	
Disjoint class axiom of the class	Test 2 "No +	
"Transportation_engineering_occupation"	Transportation_engineering_occupation is Structural_engineering_occupa	
Subclass axiom for the class	Test 1 "Every Captian occupation is a +	
"Captian_occupation"	Maritime_pilot_occupation"	
Disjoint class axiom of the class	Test 2 "No Captian_occupation is +	
"Captian_occupation"	Chief_mate_occupation "	
Subclass axiom for the class	Test 1 "Every Chief_mate_occupation is a +	
"Chief_mate_occupation"	Maritime_pilot_occupation"	
Disjoint class axiom of the class "Chief_mate_occupation"	Test 2 "No Chief_mate_occupation is + Captian_occupation "	
Subclass axiom for the class	Test 1 "Every Bus_driver_occupation is a +	
"Bus_driver_occupation"	Roadways_occupation"	
Disjoint class axiom of the class	Test 2 "No Bus_driver_occupation is +	
"Bus_driver_occupation"	Truck_driver_occupation "	



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Subclass axiom for the class "Truck_driver_occupation"	Test 1 "Every Truck_driver_occupation is a Roadways_occupation"	+
Disjoint class axiom of the class "Truck_driver_occupation"	Test 2 "No Truck_driver_occupation is Bus_driver_occupation "	+
Subclass axiom for the class "Railways_train_driver_occupation"	Test 1 "Every Railways_train_driver_occupation is a Railways_occupation"	+
Disjoint class axiom of the class "Railways_train_driver_occupation"	Test 2 "No Railways_train_driver_occupation is Railways_brakeman_occupation"	+
Disjoint class axiom of the class "Railways_train_driver_occupation"	Test 2 "No Railways_train_driver_occupation is Railways_Conductor_occupation"	+
Subclass axiom for the class "Railways_brakeman_occupation"	Test 1 "Every Railways_brakeman_occupation is a Railways_occupation"	+
Disjoint class axiom of the class "Railways_brakeman_occupation"	Test 2 "No Railways_brakeman_occupation is Railways_train_driver_occupation "	+
Disjoint class axiom of the class "Railways_brakeman_occupation"	Test 2 "No Railways_brakeman_occupation is Railways_Conductor_occupation "	+
Subclass axiom for the class "Railways_Conductor_occupation"	Test 1 "Every Railways_Conductor_occupation is a Railways_occupation"	+
Disjoint class axiom of the class "Railways_Conductor_occupation"	Test 2 "No Railways_Conductor_occupation is Railways_train_driver_occupation "	+
Disjoint class axiom of the class "Railways_Conductor_occupation"	Test 2 "No Railways_Conductor_occupation is Railways_brakeman_occupation "	+
Subclass axiom for the class  "Private_pilot_occupation"	Test 1 "Every Private_pilot_occupation is a Pilot_occupation"	+
Disjoint class axiom of the class "Private_pilot_occupation"	Test 2 "No Private_pilot_occupation is Commercial_pilot_occupation "	+
Disjoint class axiom of the class "Private_pilot_occupation"	Test 2 "No Private_pilot_occupation is Airlines transportation pilot occupation"	+
Subclass axiom for the class "Commercial_pilot_occupation"	Test 1 "Every Commercial_pilot_occupation is a Pilot_occupation"	+
Disjoint class axiom of the class "Commercial_pilot_occupation"	Test 2 "No Commercial_pilot_occupation is Airlines_transportation_pilot_occupation "	+
Disjoint class axiom of the class "Commercial_pilot_occupation"	Test 2 "No Commercial_pilot_occupation is Private_pilot_occupation "	+
Subclass axiom for the class "Airlines_transportation_pilot_occupation"	Test 1 "Every Airlines_transportation_pilot_occupation is a Pilot_occupation"	+
Disjoint class axiom of the class "Airlines_transportation_pilot_occupation"	Test 2 "No Airlines_transportation_pilot_occupation is Private_pilot_occupation "	+
Disjoint class axiom of the class "Airlines_transportation_pilot_occupation"	Test 2 "No Airlines_transportation_pilot_occupation is Commercial_pilot_occupation"	+
Subclass axiom for the class "Auto_mechanic_occupation"	Test 1 "Every Auto_mechanic_occupation is a Mechanical_trading_occupation"	+



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Disjoint class axiom of the class "Auto_mechanic_occupation"	Test 2 "No Auto_mechanic_occupation is Elevator_mechanic_occupation "	+
Disjoint class axiom of the class "Auto_mechanic_occupation"	Test 2 "No Auto_mechanic_occupation is Locksmith_occupation "	+
Subclass axiom for the class	Test 1 "Every	+
"Elevator_mechanic_occupation"	Elevator_mechanic_occupation is a	
	Mechanical_trading_occupation"	
Disjoint class axiom of the class	Test 2 "No Elevator_mechanic_occupation	+
•		т
"Elevator_mechanic_occupation"	is Locksmith_occupation "	
Disjoint class axiom of the class	Test 2 "No Elevator_mechanic_occupation	+
"Elevator_mechanic_occupation"	is Auto_mechanic_occupation "	
Subclass axiom for the class	Test 1 "Every Locksmith_occupation is a	+
"Locksmith_occupation"	Mechanical_trading_occupation"	
Disjoint class axiom of the class	Test 2 "No Locksmith_occupation is	+
"Locksmith_occupation"	Auto_mechanic_occupation "	
Disjoint class axiom of the class	Test 2 "No Locksmith occupation is	+
•	<b>=</b> ·	Т
"Airlines_transportation_pilot_occupation"	Elevator_mechanic_occupation "	
Subclass axiom for the class	Test 1 "Every USA_admiral_occupation is a	+
"USA_admiral_occupation"	USA_navy_occupation"	
Disjoint class axiom of the class	Test 2 "No USA_admiral_occupation is	+
"USA_admiral_occupation"	USA_vice_admiral_occupation "	
Disjoint class axiom of the class	Test 2 "No USA_admiral_occupation is	+
"USA_admiral_occupation"	Fleet_admiral_occupation "	
Subclass axiom for the class	Test 1 "Every Fleet admiral occupation is a	+
	. – – .	Т
"Fleet_admiral_occupation"	USA_navy_occupation"	
Disjoint class axiom of the class	Test 2 "No Fleet_admiral_occupation is	+
"Fleet_admiral_occupation"	USA_admiral_occupation "	
Disjoint class axiom of the class	Test 2 "No Fleet_admiral_occupation is	+
"Fleet_admiral_occupation"	USA_vice_admiral_occupation "	
Subclass axiom for the class	Test 1 "Every	+
"USA_vice_admiral_occupation"	USA_vice_admiral_occupation is a	
·	USA_navy_occupation"	
Disjoint class axiom of the class	Test 2 "No USA_vice_admiral_occupation is	+
"USA_vice_admiral_occupation"	Fleet_admiral_occupation "	
Disjoint class axiom of the class	Test 2 "No USA_vice_admiral_occupation is	+
"USA_vice_admiral_occupation"	USA_admiral_occupation "	
Subclass axiom for the class	Test 1 "Every	+
"Indian_Air_chief_marshal_occupation"	Indian_Air_chief_marshal_occupation is a	
	Indian_airforce_officer_occupation"	
Disjoint class axiom of the class	Test 2 "No	+
"Indian Air chief marshal occupation"	Indian Air chief marshal occupation is	
	Indian_Air_marshal_occupation "	
Disjoint class axiom of the class	Test 2 "No	+
•		•
"Indian_Air_chief_marshal_occupation"	Indian_Air_chief_marshal_occupation is	
	Indian_Flying_officer_occupation "	
Subclass axiom for the class	Test 1 "Every	+
"Indian_Air_marshal_occupation"	Indian_Air_marshal_occupation is a	
	Indian_airforce_officer_occupation"	
Disjoint class axiom of the class	Test 2 "No Indian_Air_marshal_occupation	+
"Indian_Air_marshal_occupation"	is Indian_Air_marshal_occupation "	



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Disjoint class axiom of the class "Indian_Air_marshal_occupation"	Test 2 "No Indian_Air_marshal_occupation + is Indian_Flying_officer_occupation "
Subclass axiom for the class	Test 1 "Every +
"Indian_Flying_officer_occupation"	Indian Flying officer occupation is a
maian_rym8_omeer_occupation	Indian_airforce_officer_occupation"
Disjoint class axiom of the class	Test 2 "No +
_	
"Indian_Flying_officer_occupation"	Indian_Flying_officer_occupation is
	Indian_Air_chief_marshal_occupation "
Disjoint class axiom of the class	Test 2 "No +
"Indian_Flying_officer_occupation"	Indian_Flying_officer_occupation is
	Indian_Air_marshal_occupation "
Subclass axiom for the class	Test 1 "Every Dean_occupation is a +
"Dean_occupation"	Educational_management_occupation"
Disjoint class axiom of the class	Test 2 "No Dean_occupation is +
"Dean_occupation"	Deputy_head_teacher_occupation "
Disjoint class axiom of the class	Test 2 "No Dean_occupation is +
"Dean_occupation"	Principal_occupation "
Disjoint class axiom of the class	Test 2 "No Dean_occupation is +
"Dean_occupation"	vice_principal_occupation "
Subclass axiom for the class	Test 1 "Every +
"Deputy head teacher occupation"	Deputy head teacher occupation is a
beputy_neua_teacher_occupation	Educational_management_occupation"
Disjoint class axiom of the class	Test 2 "No +
"Deputy_head_teacher_occupation"	
Deputy_nead_teacher_occupation	
District all the second states of	Dean_occupation "
Disjoint class axiom of the class	Test 2 "No +
"Deputy_head_teacher_occupation"	Deputy_head_teacher_occupation is
	Principal_occupation "
Disjoint class axiom of the class	Test 2 "No +
"Deputy_head_teacher_occupation"	Deputy_head_teacher_occupation is
	vice_principal_occupation "
Subclass axiom for the class	Test 1 "Every Principal_occupation is a +
"Principal_occupation"	Educational_management_occupation"
Disjoint class axiom of the class	Test 2 "No Principal_occupation is +
"Principal_occupation"	Dean_occupation "
Disjoint class axiom of the class	Test 2 "No Principal_occupation is +
"Principal_occupation"	Deputy_head_teacher_occupation "
Disjoint class axiom of the class	Test 2 "No Principal_occupation is +
"Principal_occupation"	vice_principal_occupation "
Subclass axiom for the class	Test 1 "Every vice_principal_occupation is a +
"vice_principal_occupation"	Educational_management_occupation"
Disjoint class axiom of the class	Test 2 "No vice_principal_occupation is +
"vice_principal_occupation"	Dean_occupation "
Disjoint class axiom of the class	Test 2 "No vice_principal_occupation is +
"vice_principal_occupation"	Deputy_head_teacher_occupation "
Disjoint class axiom of the class	Test 2 "No vice_principal_occupation is +
"vice_principal_occupation"	Principal_occupation "
Subclass axiom for the class	Test 1 "Every +
"India_Chairman_and_speaker_of_states_le	India Chairman and speaker of states le
gislatures_occupation"	
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	gislatures_occupation is a State_civil_service_occupation"	
Disjoint class axiom of the class "India_Chairman_and_speaker_of_states_le gislatures_occupation"	Test 2 "No India_Chairman_and_speaker_of_states_le gislatures_occupation is India_Chief_Minister_of_states_occupation"	+
Disjoint class axiom of the class "India_Chairman_and_speaker_of_states_le gislatures_occupation"	Test 2 "No India_Chairman_and_speaker_of_states_le gislatures_occupation is India_Chief_justice_of_high_courts_occupation"	+
Disjoint class axiom of the class "India_Chairman_and_speaker_of_states_le gislatures_occupation"	Test 2 "No India_Chairman_and_speaker_of_states_le gislatures_occupation is India_Deputy_Chief_Minister_of_states_occupation"	+
Subclass axiom for the class "India_Chief_Minister_of_states_occupation "	Test 1 "Every India_Chief_Minister_of_states_occupation is a State_civil_service_occupation"	+
Disjoint class axiom of the class "India_Chief_Minister_of_states_occupation "	Test 2 "No India_Chief_Minister_of_states_occupatio n is India_Chairman_and_speaker_of_states_le gislatures_occupation"	+
Disjoint class axiom of the class "India_Chief_Minister_of_states_occupation "	Test 2 "No India_Chief_Minister_of_states_occupatio n is India_Chief_justice_of_high_courts_occupation"	+
Disjoint class axiom of the class "India_Chief_Minister_of_states_occupation "	Test 2 "No India_Chief_Minister_of_states_occupatio n is India_Deputy_Chief_Minister_of_states_occupation"	+
Subclass axiom for the class "India_Chief_justice_of_high_courts_occupa tion"	Test 1 "Every India_Chief_justice_of_high_courts_occup ation is a State_civil_service_occupation"	+
Disjoint class axiom of the class "India_Chief_justice_of_high_courts_occupa tion"	Test 2 "No India_Chief_justice_of_high_courts_occup ation is India_Chairman_and_speaker_of_states_le gislatures_occupation "	+
Disjoint class axiom of the class "India_Chief_justice_of_high_courts_occupa tion"	Test 2 "No India_Chief_justice_of_high_courts_occup ation is India_Chief_Minister_of_states_occupation"	+



Disjoint   class   axiom   of the   class   fest   2   "No   +	weiter:denken		
"India_Deputy_Chief_Minister_of_states_oc cupation"  Disjoint class axiom of the class "India_Deputy_Chief_Minister_of_states_oc cupation"  Disjoint class axiom of the class "India_Deputy_Chief_Minister_of_states_oc cupation"  Disjoint class axiom of the class "India_Chairman_and_speaker_of_states_le gislatures_occupation"  Disjoint class axiom of the class "India_Deputy_Chief_Minister_of_states_oc cupation"  Disjoint class axiom of the class "India_Deputy_Chief_Minister_of_states_oc cupation is India_Chairman_and_speaker_of_states_oc cupation"  Disjoint class axiom of the class "India_Deputy_Chief_Minister_of_states_oc cupation is India_Chief_Minister_of_states_oc cupation is India_Chief_Minister_of_states_oc cupation"  Disjoint class axiom for the class "India_Deputy_Chief_Minister_of_states_oc cupation is India_Chief_justice_of_high_courts_occupation is India_Chief_justice_of_high_courts_occupation"  Subclass axiom for the class Test 1 "Every Carpenter_occupation is a Business_trading_occupation"  Disjoint class axiom of the class Test 2 "No Carpenter_occupation is + Electrician_occupation"  Disjoint class axiom of the class Test 2 "No Carpenter_occupation is + House_painter_occupation"  Disjoint class axiom of the class Test 2 "No Carpenter_occupation is + House_painter_occupation"  Disjoint class axiom of the class Test 2 "No Electrician_occupation is + House_painter_occupation is + Electrician_occupation is + Electrician_occupation is + House_painter_occupation is + Electrician_occupation is + House_painter_occupation is + Electrician_occupation is + Elect	"India_Chief_justice_of_high_courts_occupa tion"	India_Chief_justice_of_high_courts_occup ation is India_Deputy_Chief_Minister_of_states_oc cupation "	+
"India_Deputy_Chief_Minister_of_states_oc cupation"  Disjoint class axiom of the class "Test 2 "No + India_Deputy_Chief_Minister_of_states_oc cupation"  Disjoint class axiom of the class "India_Deputy_Chief_Minister_of_states_oc cupation"  Disjoint class axiom of the class "India_Deputy_Chief_Minister_of_states_oc cupation"  Disjoint class axiom of the class Test 2 "No + India_Deputy_Chief_Minister_of_states_oc cupation"  Disjoint class axiom for the class Test 1 "Every Carpenter_occupation is a Business_trading_occupation"  Disjoint class axiom of the class Test 2 "No Carpenter_occupation is + Electrician_occupation"  Disjoint class axiom for the class Test 2 "No Carpenter_occupation is + House_painter_occupation"  Disjoint class axiom of the class Test 1 "Every Electrician_occupation is + House_painter_occupation"  Disjoint class axiom of the class Test 2 "No Carpenter_occupation is + House_painter_occupation"  Disjoint class axiom of the class Test 2 "No Electrician_occupation is + House_painter_occupation"  Disjoint class axiom of the class Test 2 "No Electrician_occupation is + House_painter_occupation"  Disjoint class axiom of the class Test 2 "No Electrician_occupation is + House_painter_occupation"  Disjoint class axiom of the class Test 2 "No Electrician_occupation is + House_painter_occupation"  Disjoint class axiom of the class Test 2 "No Electrician_occupation is + House_painter_occupation"  Disjoint class axiom of the class Test 2 "No Electrician_occupation is + House_painter_occupation"  Disjoint class axiom of the class Test 2 "No Electrician_occupation is + House_painter_occupation is - House_painter_occupation i	"India_Deputy_Chief_Minister_of_states_oc	India_Deputy_Chief_Minister_of_states_oc cupation is a	+
"India_Deputy_Chief_Minister_of_states_oc cupation"  Disjoint class axiom of the class "India_Deputy_Chief_Minister_of_states_occupation n"  Disjoint class axiom for the class "Carpenter_occupation"  Disjoint class axiom of the class "Electrician_occupation"  Disjoint class axiom of the class "Test 2 "No Electrician_occupation is + House_painter_occupation"  Test 1 "Every House_painter_occupation is + Carpenter_occupation"  Test 2 "No House_painter_occupation is + Electrician_occupation is + Electrician_occupation"  Disjoint class axiom of the class Test 2 "No House_painter_occupation is + Electrician_occupation"  Disjoint class axiom of the class Test 2 "No House_painter_occupation is + Electrician_occupation"  Disjoint class axiom of the class Test 2 "No House_painter_occupation is + Electrician_occupation is + Electrician_occupation"  Disjoint class axiom of the class Test 2 "No House_painter_occupation	"India_Deputy_Chief_Minister_of_states_oc	India_Deputy_Chief_Minister_of_states_oc cupation is India_Chairman_and_speaker_of_states_le	+
"India_Deputy_Chief_Minister_of_states_oc cupation"  Subclass axiom for the class	"India_Deputy_Chief_Minister_of_states_oc	India_Deputy_Chief_Minister_of_states_oc cupation is India_Chief_Minister_of_states_occupatio	+
"Carpenter_occupation"  Disjoint class axiom of the class Test 2 "No Carpenter_occupation is Electrician_occupation"  Disjoint class axiom of the class Test 2 "No Carpenter_occupation is House_painter_occupation"  Disjoint class axiom of the class Test 2 "No Carpenter_occupation is House_painter_occupation"  Disjoint class axiom of the class Test 2 "No Carpenter_occupation is House_painter_occupation is House_painter_o	"India_Deputy_Chief_Minister_of_states_oc	India_Deputy_Chief_Minister_of_states_oc cupation is India_Chief_justice_of_high_courts_occup	+
"Carpenter_occupation"  Disjoint class axiom of the class Test 2 "No Carpenter_occupation is + House_painter_occupation"  Disjoint class axiom of the class Test 2 "No Carpenter_occupation is + Plumber_occupation"  Subclass axiom for the class Test 1 "Every Electrician_occupation is a Business_trading_occupation"  Disjoint class axiom of the class Test 2 "No Electrician_occupation is + Carpenter_occupation"  Disjoint class axiom of the class Test 2 "No Electrician_occupation is + Carpenter_occupation"  Disjoint class axiom of the class Test 2 "No Electrician_occupation is + House_painter_occupation is + House_painter_occupation is + Plumber_occupation is + Plumber_occupation is - Plumber_occupation is a Business_trading_occupation is + Business_trading_occupation is + Electrician_occupation is - Plumber_occupation is - Plumber_occupation is - Business_trading_occupation is - Busi		– .	+
Disjoint class axiom of the class "Test 2 "No Carpenter_occupation is + House_painter_occupation"  Disjoint class axiom of the class Test 2 "No Carpenter_occupation is + House_painter_occupation is + Plumber_occupation is + Plumber_occupation is a + Plumber_occupation is a + Business_trading_occupation is a + Business_trading_occupation is + Carpenter_occupation is + House_painter_occupation is + House_painter_occupation is + Plumber_occupation is + Business_trading_occupation is + Carpenter_occupation is + Carpenter_occupation is + Carpenter_occupation is + Business_trading_occupation is + Business_trading_occupation is + Carpenter_occupation is + Carpenter_occupation is + Business_trading_occupation is + Business_trading_occupation is + Business_trading_occupation is + Carpenter_occupation is + Business_trading_occupation is + Business_trading_occupat	· ·	. – .	+
"Carpenter_occupation"  Subclass axiom for the class Test 1 "Every Electrician_occupation is a Husiness_trading_occupation"  Disjoint class axiom of the class Test 2 "No Electrician_occupation is Husiness_trading_occupation"  Disjoint class axiom of the class Test 2 "No Electrician_occupation is Husiness_painter_occupation"  Disjoint class axiom of the class Test 2 "No Electrician_occupation is Husiness_painter_occupation"  Subclass axiom for the class Test 2 "No Electrician_occupation is Husiness_painter_occupation"  Subclass axiom for the class Test 1 "Every House_painter_occupation is Husiness_trading_occupation"  Disjoint class axiom of the class Test 2 "No House_painter_occupation is Husiness_painter_occupation"  Disjoint class axiom of the class Test 2 "No House_painter_occupation is Husiness_painter_occupation"  Disjoint class axiom of the class Test 2 "No House_painter_occupation is Husiness_painter_occupation"  Disjoint class axiom of the class Test 2 "No House_painter_occupation is Husiness_painter_occupation"  Disjoint class axiom of the class Test 2 "No House_painter_occupation is Husiness_painter_occupation"  Disjoint class axiom of the class Test 2 "No House_painter_occupation is Husiness_painter_occupation"  Disjoint class axiom of the class Test 2 "No House_painter_occupation is Husiness_painter_occupation"  Disjoint class axiom of the class Test 2 "No House_painter_occupation is Husiness_painter_occupation"  Disjoint class axiom of the class Test 2 "No House_painter_occupation is Husiness_painter_occupation	ļ -	· = ·	+
"Electrician_occupation"  Disjoint class axiom of the class Test 2 "No Electrician_occupation is +  "Electrician_occupation"  Disjoint class axiom of the class Test 2 "No Electrician_occupation is +  "Electrician_occupation"  Disjoint class axiom of the class Test 2 "No Electrician_occupation is +  "Electrician_occupation"  Disjoint class axiom for the class Test 2 "No Electrician_occupation is +  "Electrician_occupation"  Subclass axiom for the class Test 1 "Every House_painter_occupation is +  "House_painter_occupation"  Disjoint class axiom of the class Test 2 "No House_painter_occupation is +  "House_painter_occupation"  Disjoint class axiom of the class Test 2 "No House_painter_occupation is +  "House_painter_occupation"  Disjoint class axiom of the class Test 2 "No House_painter_occupation is +  Electrician_occupation "  Disjoint class axiom of the class Test 2 "No House_painter_occupation is +  Electrician_occupation "  Disjoint class axiom of the class Test 2 "No House_painter_occupation is +  Electrician_occupation "  Disjoint class axiom of the class Test 1 "Every Plumber_occupation is a +	·		+
"Electrician_occupation"  Disjoint class axiom of the class Test 2 "No Electrician_occupation is + House_painter_occupation"  Disjoint class axiom of the class Test 2 "No Electrician_occupation is + Plumber_occupation"  Subclass axiom for the class Test 1 "Every House_painter_occupation is a Business_trading_occupation"  Disjoint class axiom of the class Test 2 "No House_painter_occupation is + Carpenter_occupation"  Disjoint class axiom of the class Test 2 "No House_painter_occupation is + Carpenter_occupation"  Disjoint class axiom of the class Test 2 "No House_painter_occupation is + Electrician_occupation "  Disjoint class axiom of the class Test 2 "No House_painter_occupation is + Electrician_occupation "  Disjoint class axiom of the class Test 2 "No House_painter_occupation is + Electrician_occupation "  Disjoint class axiom of the class Test 1 "Every Plumber_occupation is a + Plumbe		, = ,	+
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Disjoint class axiom of the class Test 2 "No House_painter_occupation is + "House_painter_occupation"  Subclass axiom for the class Test 1 "Every Plumber_occupation is a +	Disjoint class axiom of the class	Test 2 "No House_painter_occupation is	+
Subclass axiom for the class Test 1 "Every Plumber_occupation is a +	Disjoint class axiom of the class	Test 2 "No House_painter_occupation is	+
		Test 1 "Every Plumber_occupation is a	+



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"Anesthesiologists_occupation" Gynecologists_occupation "		ation :-	
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	Disjoint class axiom of the class  Test 2 "No Anesthesiologists_occup	ation is	+
"Anesthesiologists occupation" Neurologists occupation "	"Anesthesiologists_occupation" Neurologists_occupation "		



Test 2 "No Anesthesiologists_occupation is Pediatricians_occupation "	+
Test 2 "No Anesthesiologists_occupation is Radiologists_occupation "	+
Test 1 "Every Cardiologists_occupation is a Doctor_occupation"	+
Test 2 "No Cardiologists_occupation is Anesthesiologists_occupation "	+
Test 2 "No Cardiologists_occupation is Family_physicians_occupation "	+
Test 2 "No Cardiologists_occupation is Gynecologists_occupation "	+
Test 2 "No Cardiologists_occupation is Neurologists_occupation "	+
Test 2 "No Cardiologists_occupation is Pediatricians_occupation "	+
Test 2 "No Cardiologists_occupation is Radiologists_occupation "	+
Test 1 "Every Family_physicians_occupation is a Doctor_occupation"	+
Test 2 "No Family_physicians_occupation is Anesthesiologists_occupation "	+
Test 2 "No Family_physicians_occupation is Cardiologists_occupation "	+
Test 2 "No Family_physicians_occupation is Gynecologists_occupation "	+
Test 2 "No Family_physicians_occupation is Neurologists_occupation "	+
Test 2 "No Family_physicians_occupation is Pediatricians_occupation "	+
Test 2 "No Family_physicians_occupation is Radiologists_occupation "	+
Test 1 "Every Gynecologists_occupation is a Doctor_occupation"	+
Test 2 "No Gynecologists_occupation is Anesthesiologists_occupation "	+
Test 2 "No Gynecologists_occupation is Cardiologists_occupation "	+
Test 2 "No Gynecologists_occupation is Family_physicians_occupation "	+
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Disjoint class axiom of the class "Gynecologists_occupation"	Test 2 "No Gynecologists_occupation is Radiologists_occupation "	+
Subclass axiom for the class  "Neurologists_occupation"	Test 1 "Every Neurologists_occupation is a Doctor_occupation"	+
Disjoint class axiom of the class "Neurologists_occupation"	Test 2 "No Neurologists_occupation is Anesthesiologists_occupation "	+
Disjoint class axiom of the class "Neurologists_occupation"	Test 2 "No Neurologists_occupation is Cardiologists_occupation "	+
Disjoint class axiom of the class "Neurologists_occupation"	Test 2 "No Neurologists_occupation is Family_physicians_occupation "	+
Disjoint class axiom of the class "Neurologists_occupation"	Test 2 "No Neurologists_occupation is Gynecologists_occupation "	+
Disjoint class axiom of the class "Neurologists_occupation"	Test 2 "No Neurologists_occupation is Pediatricians_occupation "	+
Disjoint class axiom of the class "Neurologists_occupation"	Test 2 "No Neurologists_occupation is Radiologists_occupation "	+
Subclass axiom for the class  "Pediatricians_occupation"	Test 1 "Every Pediatricians_occupation is a Doctor_occupation"	+
Disjoint class axiom of the class "Pediatricians_occupation"	Test 2 "No Pediatricians_occupation is Anesthesiologists_occupation "	+
Disjoint class axiom of the class "Pediatricians_occupation"	Test 2 "No Pediatricians_occupation is Cardiologists_occupation "	+
Disjoint class axiom of the class "Pediatricians_occupation"	Test 2 "No Pediatricians_occupation is Family_physicians_occupation "	+
Disjoint class axiom of the class "Pediatricians_occupation"	Test 2 "No Pediatricians_occupation is Gynecologists_occupation "	+
Disjoint class axiom of the class "Pediatricians_occupation"	Test 2 "No Pediatricians_occupation is Neurologists_occupation "	+
Disjoint class axiom of the class "Pediatricians_occupation"	Test 2 "No Pediatricians_occupation is Radiologists_occupation "	+
Subclass axiom of the class  "Radiologists_occupation"	Test 1 "Every Tertiary_occupation is a Doctor_occupation"	+
Disjoint class axiom of the class "Radiologists_occupation"	Test 2 "No Radiologists_occupation is Anesthesiologists_occupation "	+
Disjoint class axiom of the class "Radiologists_occupation"	Test 2 "No Radiologists_occupation is Cardiologists_occupation "	+
Disjoint class axiom of the class  "Radiologists_occupation"	Test 2 "No Radiologists_occupation is Family_physicians_occupation "	+
Disjoint class axiom of the class  "Radiologists_occupation"	Test 2 "No Radiologists_occupation is Gynecologists_occupation "	+
Disjoint class axiom of the class  "Radiologists_occupation"	Test 2 "No Radiologists_occupation is Neurologists_occupation "	+
Disjoint class axiom of the class  "Radiologists_occupation"	Test 2 "No Radiologists_occupation is Pediatricians_occupation "	+
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Subclass axiom for the class  "Indian_Field_marshal_officer_occupation"	Test 1 "Every Indian_Field_marshal_officer_occupation is a Indian_armed_forces_occupation"	+
Disjoint class axiom of the class "Indian_Field_marshal_officer_occupation"	Test 2 "No Indian_Field_marshal_officer_occupation is Indian_General_officer_occupation "	+
Disjoint class axiom of the class "Indian_Field_marshal_officer_occupation"	Test 2 "No Indian_Field_marshal_officer_occupation is Indian_Lieutenant_general_officer_occupa tion "	+
Subclass axiom for the class  "Indian_General_officer_occupation"	Test 1 "Every Indian_General_officer_occupation is a Indian_armed_forces_occupation"	+
Disjoint class axiom of the class  "Indian_General_officer_occupation"	Test 2 "No Indian_General_officer_occupation is Indian_Lieutenant_general_officer_occupation "	+
Disjoint class axiom of the class "Indian_General_officer_occupation"	Test 2 "No Indian_General_officer_occupation is Indian_Field_marshal_officer_occupation "	+
Subclass axiom for the class  "Indian_Lieutenant_general_officer_occupat ion"	Test 1 "Every Indian_Lieutenant_general_officer_occupa tion is a Indian_armed_forces_occupation"	+
Disjoint class axiom of the class "Indian_Lieutenant_general_officer_occupat ion"	Test 2 "No Indian_Lieutenant_general_officer_occupa tion is Indian_Field_marshal_officer_occupation "	+
Disjoint class axiom of the class "Indian_Lieutenant_general_officer_occupat ion"	Test 2 "No Indian_Lieutenant_general_officer_occupa tion is Indian_General_officer_occupation "	+
Subclass axiom for the class "Coal_liquefication_occupation"	Test 1 "Every Coal_liquefication_occupation is a Secondary_occupation"	+
Disjoint class axiom of the class "Coal_liquefication_occupation"	Test 2 "No Coal_liquefication_occupation is Ore_Refining_And_Foundry_occupation "	+
Disjoint class axiom of the class "Coal_liquefication_occupation"	Test 2 "No Coal_liquefication_occupation is Plastic_engineering_occupation "	+
Disjoint class axiom of the class "Coal_liquefication_occupation"	Test 2 "No Coal_liquefication_occupation is Processing_Of_Paper_And_Related_Materi als_occupation "	+
Disjoint class axiom of the class "Coal_liquefication_occupation"	Test 2 "No Coal_liquefication_occupation is Neurologists_occupation "	+
Disjoint class axiom of the class "Coal_liquefication_occupation"	Test 2 "No Coal_liquefication_occupation is Processing_Of_Wood_And_Wood_Product s_occupation "	+



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Subclass axiom for the class "Ore_Refining_And_Foundry_occupation"	Test 1 "Every Ore_Refining_And_Foundry_occupation is a Secondary_occupation"	+
Disjoint class axiom of the class "Ore_Refining_And_Foundry_occupation"	Test 2 "No Ore_Refining_And_Foundry_occupation is Coal_liquefication_occupation "	+
Disjoint class axiom of the class "Ore_Refining_And_Foundry_occupation"	Test 2 "No Ore_Refining_And_Foundry_occupation is Plastic_engineering_occupation "	+
Disjoint class axiom of the class "Ore_Refining_And_Foundry_occupation"	Test 2 "No Ore_Refining_And_Foundry_occupation is Processing_Of_Paper_And_Related_Materi als_occupation "	+
Disjoint class axiom of the class "Ore_Refining_And_Foundry_occupation"	Test 2 "No Ore_Refining_And_Foundry_occupation is Neurologists_occupation "	+
Disjoint class axiom of the class "Ore_Refining_And_Foundry_occupation"	Test 2 "No Ore_Refining_And_Foundry_occupation is Processing_Of_Wood_And_Wood_Product s_occupation "	+
Subclass axiom for the class  "Plastic_engineering_occupation"	Test 1 "Every Plastic_engineering_occupation is a Secondary_occupation"	+
Disjoint class axiom of the class "Plastic_engineering_occupation"	Test 2 "No Plastic_engineering_occupation is Coal_liquefication_occupation "	+
Disjoint class axiom of the class "Plastic_engineering_occupation"	Test 2 "No Plastic_engineering_occupation is Ore_Refining_And_Foundry_occupation "	+
Disjoint class axiom of the class  "Plastic_engineering_occupation"	Test 2 "No Plastic_engineering_occupation is Processing_Of_Paper_And_Related_Materi als_occupation "	+
Disjoint class axiom of the class "Plastic_engineering_occupation"	Test 2 "No Plastic_engineering_occupation is Neurologists_occupation "	+
Disjoint class axiom of the class  "Plastic_engineering_occupation"	Test 2 "No Plastic_engineering_occupation is Processing_Of_Wood_And_Wood_Product s_occupation "	+
Subclass axiom for the class "Processing_Of_Metal_occupation"	Test 1 "Every Processing_Of_Paper_And_Related_Materials_occupation is a Secondary_occupation"	+
Disjoint class axiom of the class  "Processing_Of_Metal_occupation"	Test 2 "No Processing_Of_Paper_And_Related_Materi als_occupation is Coal_liquefication_occupation "	+



Test 2 "No Processing_Of_Paper_And_Related_Materi als_occupation is Ore_Refining_And_Foundry_occupation "	+
Test 2 "No Processing_Of_Paper_And_Related_Materi als_occupation is Plastic_engineering_occupation "	+
Test 2 "No Processing_Of_Paper_And_Related_Materi als_occupation is Neurologists_occupation "	+
Test 2 "No Processing_Of_Paper_And_Related_Materi als_occupation is Processing_Of_Wood_And_Wood_Product s_occupation "	+
Test 1 "Every Processing_Of_Paper_And_Related_Materi als_occupation is a Secondary_occupation"	+
Test 2 "No Neurologists_occupation is Coal_liquefication_occupation "	+
Test 2 "No Neurologists_occupation is Ore_Refining_And_Foundry_occupation "	+
Test 2 "No Neurologists_occupation is Plastic_engineering_occupation "	+
Test 2 "No Neurologists_occupation is Processing_Of_Paper_And_Related_Materi als_occupation "	+
Test 2 "No Neurologists_occupation is Processing_Of_Wood_And_Wood_Product s_occupation "	+
Test 1 "Every Processing_Of_Wood_And_Wood_Product s_occupation is a Secondary_occupation"	+
Test 2 "No Processing_Of_Wood_And_Wood_Product s_occupation is Coal_liquefication_occupation "	+
Test 2 "No Processing_Of_Wood_And_Wood_Product s_occupation is Ore_Refining_And_Foundry_occupation "	+
	Processing_Of_Paper_And_Related_Materi als_occupation is Ore_Refining_And_Foundry_occupation " Test 2 "No Processing_Of_Paper_And_Related_Materi als_occupation is Plastic_engineering_occupation " Test 2 "No Processing_Of_Paper_And_Related_Materi als_occupation is Neurologists_occupation " Test 2 "No Processing_Of_Paper_And_Related_Materi als_occupation is Processing_Of_Wood_And_Wood_Product s_occupation " Test 1 "Every Processing_Of_Paper_And_Related_Materi als_occupation is a Secondary_occupation" Test 2 "No Neurologists_occupation is Coal_liquefication_occupation " Test 2 "No Neurologists_occupation is Ore_Refining_And_Foundry_occupation " Test 2 "No Neurologists_occupation is Plastic_engineering_occupation is Plastic_engineering_occupation is Processing_Of_Paper_And_Related_Materi als_occupation " Test 2 "No Neurologists_occupation is Processing_Of_Paper_And_Related_Materi als_occupation " Test 1 "Every Processing_Of_Wood_And_Wood_Product s_occupation is a Secondary_occupation" Test 1 "Every Processing_Of_Wood_And_Wood_Product s_occupation is a Secondary_occupation" Test 2 "No Processing_Of_Wood_And_Wood_Product s_occupation is Coal_liquefication_occupation " Test 2 "No Processing_Of_Wood_And_Wood_Product s_occupation is Coal_liquefication_occupation " Test 2 "No Processing_Of_Wood_And_Wood_Product s_occupation is



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Disjoint class axiom of the class "Processing_Of_Wood_And_Wood_Product s_occupation"	Test 2 "No Processing_Of_Wood_And_Wood_Product s_occupation is Plastic_engineering_occupation "	+
Disjoint class axiom of the class "Processing_Of_Wood_And_Wood_Product s_occupation"	Test 2 "No Processing_Of_Wood_And_Wood_Product s_occupation is Processing_Of_Paper_And_Related_Materi als_occupation "	+
Disjoint class axiom of the class  "Processing_Of_Wood_And_Wood_Product s_occupation"	Test 2 "No Processing_Of_Wood_And_Wood_Product s_occupation is Neurologists_occupation "	+
Subclass axiom for the class "Educational_occupation"	Test 1 "Every Educational_occupation is a Quarternary_occupation"	+
Disjoint class axiom of the class "Educational_occupation"	Test 2 "No Educational_occupation is Engineering_occupation "	+
Disjoint class axiom of the class "Educational_occupation"	Test 2 "No Educational_occupation is Medical_occupation "	+
Disjoint class axiom of the class "Educational_occupation"	Test 2 "No Educational_occupation is Military_occupation "	+
Disjoint class axiom of the class "Educational_occupation"	Test 2 "No Educational_occupation is Public_service_Occupation "	+
Subclass axiom for the class "Engineering_occupation"	Test 1 "Every Engineering_occupation is a Quarternary_occupation"	+
Disjoint class axiom of the class "Engineering_occupation"	Test 2 "No Engineering_occupation is Educational_occupation "	+
Disjoint class axiom of the class "Engineering_occupation"	Test 2 "No Engineering_occupation is Medical_occupation "	+
Disjoint class axiom of the class "Engineering_occupation"	Test 2 "No Engineering_occupation is Military_occupation "	+
Disjoint class axiom of the class "Engineering_occupation"	Test 2 "No Engineering_occupation is Public_service_Occupation "	+
Subclass axiom for the class "Medical_occupation"	Test 1 "Every Medical_occupation is a Quarternary_occupation"	+
Disjoint class axiom of the class  "Medical_occupation"	Test 2 "No Medical_occupation is Educational_occupation "	+
Disjoint class axiom of the class "Medical_occupation"	Test 2 "No Medical_occupation is Engineering_occupation "	+
Disjoint class axiom of the class "Medical_occupation"	Test 2 "No Medical_occupation is Military_occupation "	+
Disjoint class axiom of the class "Medical_occupation"	Test 2 "No Medical_occupation is Public_service_Occupation "	+
Subclass axiom for the class "Military_occupation"	Test 1 "Every Military_occupation is a Quarternary_occupation"	+
Disjoint class axiom of the class "Military_occupation"	Test 2 "No Military_occupation is Educational_occupation "	+



Disjoint class axiom of the class "Military_occupation"	Test 2 "No Military_occupation is Engineering_occupation "	+
Disjoint class axiom of the class "Military_occupation"	Test 2 "No Military_occupation is Medical_occupation "	+
Disjoint class axiom of the class "Military_occupation"	Test 2 "No Military_occupation is Public_service_Occupation "	+
Subclass axiom for the class  "Public_service_Occupation"	Test 1 "Every Public_service_Occupation is a Quarternary_occupation"	+
Disjoint class axiom of the class "Public_service_Occupation"	Test 2 "No Public_service_Occupation is Educational_occupation "	+
Disjoint class axiom of the class "Public_service_Occupation"	Test 2 "No Public_service_Occupation is Engineering_occupation "	+
Disjoint class axiom of the class "Public_service_Occupation"	Test 2 "No Public_service_Occupation is Medical_occupation "	+
Disjoint class axiom of the class "Public_service_Occupation"	Test 2 "No Public_service_Occupation is Military_occupation "	+