FuzzyOwl2ToFuzzyDL

DOUBLE_MAX_VALUE : float
DOUBLE_MIN_VALUE : float
EPSILON : float
INTEGER_MAX_VALUE : int
INTEGER_MIN_VALUE : int
boolean_datatypes : set[str]
data_properties : set[str]
numerical_datatypes : set[str]
object_properties : set[str]
processed_functional_data_properties : set[str]
processed_functional_object_properties : set[str]
string_datatypes : set[str]

__get_facets(name: str): list[float]
__get_set_name(curr_set: set): str
__init__(input_file: str, output_file: str, base_iri: str): None
__is_integer_datatype(d: typing.Union[OWLDatatype, OWLLiteral]): bool
__is_real_datatype(d: typing.Union[OWLDatatype, OWLLiteral]): bool
__write(line: str): None
get_atomic_concept_name(c: OWLClass): str
get_atomic_data_property_name(p: OWLDataProperty): str
get_atomic_object_property_name(p: OWLObjectProperty): str
get_bottom_concept_name(): str
get_bottom_data_property_name(): typing.Optional[str]
get_bottom_object_property_name(): typing.Optional[str]
get_data_all_values_from_name(p: OWLDataPropertyExpression, range: OWLDataRange): str
get_data_exact_cardinality_restriction(cardinality: int, p: OWLDataPropertyExpression, range: OWLDataRange): str
get_data_has_value_name(p: OWLDataPropertyExpression, literal: OWLLiteral): str
get_data_max_cardinality_restriction(cardinality: int, p: OWLDataPropertyExpression, range: OWLDataRange): str
get_data_min_cardinality_restriction(cardinality: int, p: OWLDataPropertyExpression, range: OWLDataRange): str
get_data_some_values_from_name(p: OWLDataPropertyExpression, range: OWLDataRange): str
get_individual_name(i: OWLIndividual): str
get_object_all_values_from_name(p: OWLObjectPropertyExpression, c: OWLClassExpression): str
get_object_complement_of_name(c: OWLClassExpression): str
get_object_exact_cardinality_restriction(cardinality: int, p: OWLObjectPropertyExpression, c: OWLClassExpression): str
get_object_has_self_name(p: OWLObjectPropertyExpression): str
get_object_has_value_name(p: OWLObjectPropertyExpression, i: OWLIndividual): str
get_object_intersection_of_name(operands: set[OWLClassExpression]): str
get_object_max_cardinality_restriction(cardinality: int, p: OWLObjectPropertyExpression, c: OWLClassExpression): str
get_object_min_cardinality_restriction(cardinality: int, p: OWLObjectPropertyExpression, c: OWLClassExpression): str
get_object_one_of_name(ind_set: set[OWLIndividual]): str
get_object_some_values_from_name(p: OWLObjectPropertyExpression, c: OWLClassExpression): str
get_object_union_of_name(operands: set[OWLClassExpression]): str
get_short_name(e: typing.Union[OWLEntity, str]): str
get_top_concept_name(): str
get_top_data_property_name(): typing.Optional[str]
get_top_object_property_name(): typing.Optional[str]
is_reserved_word(s: str): bool
write_asymmetric_object_property_axiom(p: OWLObjectPropertyExpression): None
write_choquet_concept_definition(name: str, c: ChoquetConcept): None
write_concept_assertion_axiom(i: OWLIndividual, c: OWLClassExpression, d: float): None
write_concept_declaration(c: OWLClassExpression): None
write_crisp_function_definition(name: str, dat: CrispFunction): None
write_data_property_assertion_axiom(i: OWLIndividual, lit: OWLLiteral, p: OWLDataPropertyExpression, d: float): None
write_data_property_declaration(dp: OWLDataPropertyExpression): None
write_data_property_domain_axiom(p: OWLDataPropertyExpression, c: OWLClassExpression): None
write_data_property_range_axiom(p: OWLDataPropertyExpression, range: OWLDataRange): None
write_different_individuals_axiom(ind_set: set[OWLIndividual]): None
write_disjoint_classes_axiom(class_set: set[OWLClassExpression]): None
write_disjoint_data_properties_axiom(class_set: set[OWLDataPropertyExpression]): None
write_disjoint_object_properties_axiom(class_set: set[OWLObjectPropertyExpression]): None
write_disjoint_union_axiom(class_set: set[OWLClassExpression]): None
write_equivalent_classes_axiom(class_set: set[OWLClassExpression]): None
write_equivalent_data_properties_axiom(class_set: set[OWLDataPropertyExpression]): None
write_equivalent_object_properties_axiom(class_set: set[OWLObjectPropertyExpression]): None
write_functional_data_property_axiom(p: OWLDataPropertyExpression): None
write_functional_object_property_axiom(p: OWLObjectPropertyExpression): None
write_fuzzy_logic(logic: str): None
write_fuzzy_nominal_concept_definition(name: str, dat: FuzzyNominalConcept): None
write_inverse_functional_object_property_axiom(p: OWLObjectPropertyExpression): None
write_inverse_object_property_axiom(p1: OWLObjectPropertyExpression, p2: OWLObjectPropertyExpression): None
write_irreflexive_object_property_axiom(p: OWLObjectPropertyExpression): None
write_left_shoulder_function_definition(name: str, dat: LeftShoulderFunction): None
write_linear_function_definition(name: str, dat: LinearFunction): None
write_linear_modifier_definition(name: str, mod: LinearModifier): None
write_modified_concept_definition(name: str, dat: ModifiedConcept): None
write_modified_function_definition(name: str, dat: ModifiedFunction): None
write_modified_property_definition(name: str, dat: ModifiedProperty): None
write_negative_data_property_assertion_axiom(i: OWLIndividual, lit: OWLLiteral, p: OWLDataPropertyExpression, d: float): None
write_negative_object_property_assertion_axiom(i1: OWLIndividual, i2: OWLIndividual, p: OWLObjectPropertyExpression, d: float): None
write_object_property_assertion_axiom(i1: OWLIndividual, i2: OWLIndividual, p: OWLObjectPropertyExpression, d: float): None
write_object_property_declaration(op: OWLObjectPropertyExpression): None
write_object_property_domain_axiom(p: OWLObjectPropertyExpression, c: OWLClassExpression): None
write_object_property_range_axiom(p: OWLObjectPropertyExpression, c: OWLClassExpression): None
write_owa_concept_definition(name: str, c: OwaConcept): None
write_qowa_concept_definition(name: str, c: QowaConcept): None
write_quasi_sugeno_concept_definition(name: str, c: QsugenoConcept): None
write_reflexive_object_property_axiom(p: OWLObjectPropertyExpression): None
write_right_shoulder_function_definition(name: str, dat: RightShoulderFunction): None
write_same_individual_axiom(ind_set: set[OWLIndividual]): None
write_sub_data_property_of_axiom(subproperty: OWLDataPropertyExpression, superproperty: OWLDataPropertyExpression, d: float): None
write_sub_object_property_of_axiom(subproperty: OWLObjectPropertyExpression, superproperty: OWLObjectPropertyExpression, d: float): None
write_sub_property_chain_of_axiom(chain: list[OWLObjectPropertyExpression], superproperty: OWLObjectPropertyExpression, d: float): None
write_subclass_of_axiom(subclass: OWLClassExpression, superclass: OWLClassExpression, d: float): None
write_sugeno_concept_definition(name: str, c: SugenoConcept): None
write_symmetric_object_property_axiom(p: OWLObjectPropertyExpression): None
write_transitive_object_property_axiom(p: OWLObjectPropertyExpression): None
write_trapezoidal_function_definition(name: str, dat: TrapezoidalFunction): None
write_triangular_function_definition(name: str, dat: TriangularFunction): None
write_triangular_modifier_definition(name: str, mod: TriangularModifier): None
write_weighted_concept_definition(name: str, c: WeightedConcept): None
write_weighted_max_concept_definition(name: str, c: WeightedMaxConcept): None
write_weighted_min_concept_definition(name: str, c: WeightedMinConcept): None
write_weighted_sum_concept_definition(name: str, c: WeightedSumConcept): None
write_weighted_sum_zero_concept_definition(name: str, c: WeightedSumZeroConcept): None

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FuzzyOwl2

NEG_INFINITY : float
POS_INFINITY : float
defined_concepts : dict[str, ConceptDefinition]
defined_properties : dict[str, ConceptDefinition]
fuzzy_datatypes : dict[str, ConceptDefinition]
fuzzy_label : OWLAnnotationProperty
fuzzy_modifiers : dict[str, ConceptDefinition]
ontologies : set[OWLOntology]
ontology : OWLOntology
ontology_iri : IRI
ontology_path : str
output_dl : str
processed_axioms : set[str]

__get_degree(axiom: OWLAxiom): float
__get_facets(name: str): list[float]
__init__(input_file: str, output_file: str, base_iri: str): None
__write_class_assertion_axiom(ontology: OWLOntology, annotated: bool): None
__write_data_property_assertion_axiom(ontology: OWLOntology, annotated: bool): None
__write_negative_data_property_assertion_axiom(ontology: OWLOntology, annotated: bool): None
__write_negative_object_property_assertion_axiom(ontology: OWLOntology, annotated: bool): None
__write_object_property_assertion_axiom(ontology: OWLOntology, annotated: bool): None
__write_subclass_of_axiom(ontology: OWLOntology, annotated: bool): None
__write_subdata_property_axiom(ontology: OWLOntology, annotated: bool): None
__write_subobject_property_axiom(ontology: OWLOntology, annotated: bool): None
__write_subproperty_chain_of_axiom(ontology: OWLOntology, annotated: bool): None
get_atomic_concept_name(c: OWLClass): str
get_atomic_data_property_name(p: OWLDataProperty): str
get_atomic_object_property_name(p: OWLObjectProperty): str
get_bottom_concept_name(): str
get_bottom_data_property_name(): str
get_bottom_object_property_name(): str
get_class_name(c: OWLClassExpression): str
get_data_all_values_from_name(p: OWLDataPropertyExpression, range: OWLDataRange): str
get_data_exact_cardinality_restriction(cardinality: int, p: OWLDataPropertyExpression, range: OWLDataRange): str
get_data_has_value_name(p: OWLDataPropertyExpression, literal: OWLLiteral): str
get_data_max_cardinality_restriction(cardinality: int, p: OWLDataPropertyExpression, range: OWLDataRange): str
get_data_min_cardinality_restriction(cardinality: int, p: OWLDataPropertyExpression, range: OWLDataRange): str
get_data_property_name(p: OWLDataPropertyExpression): str
get_data_some_values_from_name(p: OWLDataPropertyExpression, range: OWLDataRange): str
get_individual_name(i: OWLIndividual): typing.Optional[str]
get_object_all_values_from_name(p: OWLObjectPropertyExpression, c: OWLClassExpression): str
get_object_complement_of_name(c: OWLClassExpression): str
get_object_exact_cardinality_restriction(cardinality: int, p: OWLObjectPropertyExpression, c: OWLClassExpression): str
get_object_has_self_name(p: OWLObjectPropertyExpression): str
get_object_has_value_name(p: OWLObjectPropertyExpression, i: OWLIndividual): str
get_object_intersection_of_name(operands: set[OWLClassExpression]): str
get_object_max_cardinality_restriction(cardinality: int, p: OWLObjectPropertyExpression, c: OWLClassExpression): str
get_object_min_cardinality_restriction(cardinality: int, p: OWLObjectPropertyExpression, c: OWLClassExpression): str
get_object_one_of_name(ind_set: set[OWLIndividual]): str
get_object_property_name(p: OWLObjectPropertyExpression): str
get_object_some_values_from_name(p: OWLObjectPropertyExpression, c: OWLClassExpression): str
get_object_union_of_name(operands: set[OWLClassExpression]): str
get_short_name(e: OWLEntity): str
get_top_concept_name(): str
get_top_data_property_name(): str
get_top_object_property_name(): str
process_concept_annotations(): None
process_datatype_annotations(): None
process_ontology_annotations(): None
process_ontology_axioms(): None
process_property_annotations(): None
translate_owl2ontology(): None
write_asymmetric_object_property_axiom(p: OWLObjectPropertyExpression): None
write_choquet_concept_definition(name: str, c: ChoquetConcept): None
write_concept_assertion_axiom(i: OWLIndividual, c: OWLClassExpression, d: float): None
write_concept_declaration(c: OWLClassExpression): None
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write_triangular_modifier_definition(name: str, mod: TriangularModifier): None
write_weighted_concept_definition(name: str, c: WeightedConcept): None
write_weighted_max_concept_definition(name: str, c: WeightedMaxConcept): None
write_weighted_min_concept_definition(name: str, c: WeightedMinConcept): None
write_weighted_sum_concept_definition(name: str, c: WeightedSumConcept): None
write_weighted_sum_zero_concept_definition(name: str, c: WeightedSumZeroConcept): None