



OntOlogy Pitfall Scanner!

OOPS! (OntOlogy Pitfall Scanner!) helps you to detect some of the most common pitfalls appearing when developing ontologies.

To try it, enter a URI or paste an OWL document into the text field above. A list of pitfalls and the elements of your ontology where they appear will be displayed.

Scanner by URI:

Scanner by URI

Example: http://oops.linkeddata.es/example/swc_2009-05-09.rdf

Scanner by direct input:

```
India, especially for the Telangana State in India. This represents the
agricultural information and relevant knowledge needed by the farmers as well
as other stake holders in the agriculture domain in Indian context. The
current version of the ontology represents the information and knowledge
related to the crop selection, fertilizer application, crop growing problems
and remedies for them in user context.</rdfs:comment>
  <rdfs:label>Gyan_Kisan Ontology for India (Telangana State)
</rdfs:label>
  <owl:versionInfo>V1.1</owl:versionInfo>
</owl:Ontology>
```

Scanner by RDF

☐ Uncheck this checkbox if you don't want us to keep a copy of your ontology.

[Go to advanced evaluation](#)

Evaluation results

It is obvious that not all the pitfalls are equally important; their impact in the ontology will depend on multiple factors. For this reason, each pitfall has an importance level attached indicating how important it is. We have identified three levels:

- **Critical** 🚫 : It is crucial to correct the pitfall. Otherwise, it could affect the ontology consistency, reasoning, applicability, etc.
- **Important** ⚠️ : Though not critical for ontology function, it is important to correct this type of pitfall.
- **Minor** 🟡 : It is not really a problem, but by correcting it we will make the ontology nicer.

[\[Expand All\]](#) | [\[Collapse All\]](#)

Results for P07: Merging different concepts in the same class.

1 case | Minor 🟡

A class whose name refers to two or more different concepts is created.

- This pitfall appears in the following elements:
 - > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#RootAndTuber

Results for P08: Missing annotations.

347 cases | Minor 🟡

Want to help?

- [Suggest new pitfalls](#)
- [Provide feedback](#)

Documentation:

- [Pitfall catalogue](#)
- [User guide](#)
- [Technical report](#)

Related papers:

- [IJSWIS 2014](#)
- [EKAW 2012](#)
- [ESWC 2012 Demo](#)

This pitfall consists in creating an ontology element and failing to provide human readable annotations attached to it. Consequently, ontology elements lack annotation properties that label them (e.g. `rdfs:label`, `lemon:LexicalEntry`, `skos:prefLabel` or `skos:altLabel`) or that define them (e.g. `rdfs:comment` or `dc:description`). This pitfall is related to the guidelines provided in [5].

- The following elements have no `rdfs:label` defined:

- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#WeedControl
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Mandal
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#SeedRate
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#MaturedTime
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Crop
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Unit
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Condiment
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#PhysicalContactsForTechInfor
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#AgroZone
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Disease
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#SeedRateEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#FertilizerEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#GrowingProblem
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#DiseaseResistanceRate
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#State
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Quantity
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Vegetable
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#LaborRequirement
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#PestControl
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Month
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Rice
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#ApplicationMethod
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Weed
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Symptom
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#CentralZone
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#NematodePestControl
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#HarvestingDuration
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#LandPreparationEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#NematodePest
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#SpecialInformation
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#AverageYieldEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Image
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Time
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Oilseed
- > [http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Village\(GeamParchayat\)](http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Village(GeamParchayat))
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#SoilFactor

- [Ontoqual 2010](#)
- [CAEPIA 2009](#)

Web services:

- [REST Web Service](#)

Developed by:



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- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#RootAndTuber
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#SeedBedPreparationInfor
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#GrowingProblemEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#SoilNutrition
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#AverageYield
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Reference
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Cause
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#EnvironmentalFactor
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Variety
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#NorthernZone
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#CoarseGrain
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#SeedPreparationInfo
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#ControlMethod
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#CO2
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#NoOfHarvestingTimes
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#CausalAgent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#MaturedTimeEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#OtherCrop
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#ControlMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#FarmingStage
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#GrainLegumes
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#SouthernZone
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#HybridVariety
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Location
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#TimeOfApplication
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#InsectPest
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#DiseaseResistanceEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#BestTimeOfPlantingEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Humidity
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Pest
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#GrowingSeasonEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#District
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#LaborRequirementEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#LandPreparation
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Fruit
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#PlantRequirement
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#MaxPhValue
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Season
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#SoilTexture
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#SoilType
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#MinPhValue

- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#WaterSource
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#InsectPestControl
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#SoilSpecialCharacteristics
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#DiseaseControl
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#LeafyVegetable
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Sunlight
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#PlantMethod
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#PlantMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Floriculture
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Wind
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Fertilizer
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#Pesticide
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#SoilDrainage
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#HarvestMethod
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasContactsForTechInfor
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isImageOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isFertilizerSpInforOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isBestTimeOfPlantingEventOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isUnitOfPlantMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasRelatedGrowingProblem
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isLocationOfControlMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isApplicationMethodOfFertilizerEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isCropSeedRateOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isGrowingProblemEventOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasLocationForPlantMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasCropPlantMethod
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#causes
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSymptomOfCause
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isLocationOfBestTimeOfPlantingEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasGrowingProblem
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isUsedBy
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSpInforForAverageYieldEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#growsOn
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isUnitOfSeedRateEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSoilFactor
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isFertilizerEventOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasFarmPreparationInfor
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasUnitForControlMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#refers
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasPesticide
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isLocationOfPlantMethodEvent

- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isGrownOn
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasVariety
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasCropSeedRate
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isControlledBy
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasLaborForce
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isGrowingSeasonEventOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isRelatedCausalAgentOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasLandPreparationInfor
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isMaturedTimeEventOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isFertilizerUnitOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasFertilizerUnit
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasTimeOfApplicationForFertilizerEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasCausalAgent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasMaturedTimeEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isLaborRequirementEventOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#growsIn
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasUnitForSeedRateEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasUnitForAverageYieldEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasHarvestMethod
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isGrowingMonthsOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasFertilizerQuantity
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#uses
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isSymptomOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isTimeOfApplicationOfControlMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isSeasonOfAverageYieldEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#grows
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isWaterSourceOfLandPreparationEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasRelatedCauseForGrowingProblem
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isNoOfHarvestingTimeOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isMinSoilPhOfFertilizerEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasLocationForMaturedTimeEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSeedRate
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSpInforForControlMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isRelatedControlMethodOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isOwnedBy
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isLocationOfMaturedTimeEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isFertilizerOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isVarietyOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isSeedRateOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasGrowingLocationForEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isCropSymptomOf

- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasWaterSourceForLandPreparationEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSeasonForPlantMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isGrown
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasWaterSourceForFertilizerEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isApplicationMethodOfControlMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isGrowingSeasonOfForEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isFertilizerQuantityOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasRelatedCausalAgent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#contains
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasCropMaturedTime
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isControlMethodOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isQuantityOfControlMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasFertilizerSpInfor
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasApplicationMethodForControlMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isLocationOfFertilizerEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isUnitOfMaturedTimeEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isSoilFactorOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasGrowingSeasonForEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasControlMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isSoilTypeOfControlMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isMaturedTimeOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasCropSymptom
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasCauseOfSymptom
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasPesticideForControlMethod
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isLocationOfAverageYieldEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSoilType
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isWaterSourceOfFertilizerEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isDependedOn
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isPlantMethodEventOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isGrowingLocationOfForEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isPesticideOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isPesticideOfControlMethod
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isLandPreparationInforOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasLandPreparationEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSoilTypeForControlMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isNoOfPlantOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasCropDiseaseResistance
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasFertilizerEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasUnitForLaborRequirementEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasWaterSourceForAverageYieldEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isBestTimeOfPlantingOf

- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isAverageYieldOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasRelatedControlMethod
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isConsistedOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasGrowingMonths
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isGrowingSeasonOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isUnitOfControlMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasControlMethod
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#controls
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasUnitForMaturedTimeEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSpInforForPlantMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isLocationOfLandPreparationEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#owns
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasNoOfPlants
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSeasonForAverageYieldEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isCropAverageYieldOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#affects
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#belongsTo
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isCropMaturedTimeOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasLocationForLandPreparationEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isWaterSourceOfAverageYieldEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isSeedBedPreparationInforOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasAverageYieldEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isContactsForTechInforOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isRelatedGrowingProblemOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isHarvestingDurationTimeOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isLaborRequirementOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isSeasonOfPlantMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isSeasonOfBestTimeOfPlantingEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasQuantityForControlMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasUnitForPlantMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSeedBedPreparationInfor
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasGrowingSeason
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isControlMethodEventOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSymptom
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isUnitOfAverageYieldEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isDiseaseResistanceRateOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasApplicationMethodForFertilizerEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isBestPlantingTimeOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isHarvestMethodOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasGrowingSeasonEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isLandPreparationEventOf

- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasAverageYield
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasMinSoilPhForFertilizerEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasCropAverageYield
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasMaxSoilPhForFertilizerEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isLaborForceOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isCausedBy
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isSpInforOfPlantMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isCausalAgentOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasLocationForControlMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasBestTimeOfPlantingEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasLaborRequirement
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isSoilTypeOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isDiseaseResistanceEventOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasBestPlantingTime
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isAverageYieldEventOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSeasonForBestTimeOfPlantingEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isSeedPreparationInforOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasPlantMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isMaxSoilPhOfFertilizerEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasPlantMethod
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasImage
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#consists
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isReferredBy
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasNoOfHarvestingTimes
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isUnitOfLaborRequirementEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasLocationForAverageYieldEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasHarvestingDurationTime
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasRelatedGrowingProblemForCause
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isCropDiseaseResistanceOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isFarmPreparationInforOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasMaturedTime
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isPlantMethodOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasLaborRequirementEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasGrowingProblemOfSymptom
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isCropPlantMethodOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isSpInforOfControlMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasBestTimeOfPlanting
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isBelonged
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isGrownIn
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isAffectedBy
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasDiseaseResistanceRate

- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasFertilizer
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasControlMethodEventForCrop
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#dependsOn
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isGrowingProblemOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSymptomOfGrowingProblem
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSeedPreparationInfor
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isTimeOfApplicationOfFertilizerEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasGrowingProblemEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasDiseaseResistanceEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSeedRateEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isSpInforOfAverageYieldEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isSeedRateEventOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isResistanceDiseaseOf
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- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasLocationForBestTimeOfPlantingEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasTimeOfApplicationForControlMethodEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasLocationForFertilizerEvent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasControlMethodType
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasMaximumTemperature
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasFlavor
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasShape
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasHarvestMethodType
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasCropLifetime
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSpecificMaximumElevation
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSpRequirementForHarvestMethod
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasRangeType
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasMaxRainfall
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasLength
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasMinRainfall
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasColor
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasControlMethodApplicationStage
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasMinimumRainfall
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasCauseType
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasPhysicalFeatures
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasMinimumTemperature
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasFertilizerSource
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasStartMonth
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasEndMonth
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasReferenceType
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasMinimumElevation

- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasMaximumRainfall
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasDroughtResistanceRate
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasValueAddedProduct
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasHardiness
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasGrowthStage
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasMaxElevation
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasFertilizerType
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasWeight
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasMinElevation
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasMinTemperature
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasCropType
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasMaximumElevation
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSpecialCropCharacteristics
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasPlantMethodType
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasPesticideType
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasMaxTemperature
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasQuality
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasProblemStage
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasDiseaseType
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasZoneType
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSpecificMinimumElevation
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasCropFamily
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSize
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasNutrition

Results for P11: Missing domain or range in properties.

51 cases | Important 🚨

Object and/or datatype properties without domain or range (or none of them) are included in the ontology.

- This pitfall appears in the following elements:

- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isControlMethodEventOfCrop
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSymptomOfGrowingProblem
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasControlMethodEventForCrop
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isAffectedBy
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isCropPlantMethodOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasGrowingProblemOfSymptom
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isFarmPreparationInforOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isCropDiseaseResistanceOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasRelatedGrowingProblemForCause
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasBestPlantingTime
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isSoilTypeOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isLaborForceOf

- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasCropAverageYield
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isBestPlantingTimeOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isRelatedGrowingProblemOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isCropMaturedTimeOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#affects
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isCropAverageYieldOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#controls
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasGrowingMonths
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasRelatedControlMethod
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasCropDiseaseResistance
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isPesticideOfControlMethod
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasPesticideForControlMethod
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasCauseOfSymptom
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasCropSymptom
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasCropMaturedTime
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasRelatedCausalAgent
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isGrown
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isCropSymptomOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isRelatedControlMethodOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasRelatedCauseForGrowingProblem
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#grows
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#uses
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isGrowingMonthsOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isRelatedCausalAgentOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasLaborForce
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isControlledBy
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasCropSeedRate
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isGrownOn
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasFarmPreparationInfor
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#growsOn
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isUsedBy
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSymptomOfCause
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasCropPlantMethod
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#isCropSeedRateOf
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasRelatedGrowingProblem
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSpecificMinimumElevation
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasMaximumElevation
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasMinimumElevation
- > http://www.sln4mop.org/ontologies/2014/SLN_Ontology#hasSpecificMaximumElevation

- **Tip:** Solving this pitfall may lead to new results for other pitfalls and suggestions. We encourage you to solve all cases when needed and see what else you can get from OOPS!

Results for P13: Inverse relationships not explicitly declared.

1 case | Minor 🟡

This pitfall appears when any relationship (except for those that are defined as symmetric properties using owl:SymmetricProperty) does not have an inverse relationship (owl:inverseOf) defined within the ontology.

- This pitfall appears in the following elements:
> http://www.sln4mop.org/ontologies/2014/SLN_Ontology#contains

Results for P21: Using a miscellaneous class.

1 case | Minor 🟡

This pitfall refers to the creation of a class with the only goal of classifying the instances that do not belong to any of its sibling classes (classes with which the miscellaneous problematic class shares a common direct ancestor).

- This pitfall appears in the following elements:
> http://www.sln4mop.org/ontologies/2014/SLN_Ontology#OtherCrop

Results for P41: No license declared.

ontology* | Important 🟠

The ontology metadata omits information about the license that applies to the ontology.

*This pitfall applies to the ontology in general instead of specific elements.

According to the highest importance level of pitfall found in your ontology the conformance badge suggested is "Important pitfalls" (see below). You can use the following HTML code to insert the badge within your ontology documentation:



```
<p>
<a href="http://oops.linkeddata.es"></a>
</p>
```

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  author={Poveda-Villal{\`o}n, Mar{\`i}a and G{\`o}mez-P{\`e}rez, Asunci{\`o}n and Su{\`a}rez-Figueroa, Mari Carmen},
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  volume={10},
  number={2},
  pages={7--34},
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  publisher={IGI Global}
}
```

Please, help us making OOPS! better. **Feedback** is more than welcome!

In addition, you can also **suggest new pitfalls** so that they can be detected in future evaluations.

María Poveda

Contact email: [oops\(at\)delicias.dia.fi.upm.es](mailto:oops(at)delicias.dia.fi.upm.es). Latest revision April 2021

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