

Node	Shape	Evidence
<a href="#">:Amrapali</a>	<a href="#">~:Person</a>	Error: Attempt: node: :Amrapali, shape: :Person 1980-03-10 does not have datatype xsd:date Details: Lexical form 1980-03-10 is not a legal instance of Datatype[http://www.w3.org/2001/XMLSchema#int -> class java.lang.Integer] Lexical form 1980-03-10 is not a legal instance of Datatype[http://www.w3.org/2001/XMLSchema#int -> class java.lang.Integer] during parse -org.apache.xerces.impl.dv.InvalidDatatypeValueException: cvc-datatype-valid.1.2.1: 1980-03-10 is not a valid value for integer.
<a href="#">:Amazing</a>	<a href="#">~:Organisation</a>	Error: Node :India has no shape :City Errors: Error: Attempt: node: :India, shape: :City Candidate line [(<http://www.w3.org/2000/01/rdf-schema#label>,"India"),C0]] which corresponds to { C0 -> 1 } does not match C0,C1 Table:Constraints: C1->Pos(ShapeRef(IRILabel(<http://foo.com/Country>),None,None),None),C0->Pos(NodeConstraint(None,None,Some(<http://www.w3.org/2001/XMLSchema#string>),List(),None,None),None) Paths: Map(Direct(<http://www.w3.org/2000/01/rdf-schema#label>) -> Set(C0), Direct(<http://schema.org/isCityOf>) -> Set(C1)) —endTable  Err: Interval checker failed with value <empty(1,0)>
<a href="#">:Delhi</a>	<a href="#">~:City</a>	Error: Attempt: node: :Delhi, shape: :City Candidate line [(<http://www.w3.org/2000/01/rdf-schema#label>,"Delhi"),C0]] which corresponds to { C0 -> 1 } does not match C0,C1 Table:Constraints: C1->Pos(ShapeRef(IRILabel(<http://foo.com/Country>),None,None),None),C0->Pos(NodeConstraint(None,None,Some(<http://www.w3.org/2001/XMLSchema#string>),List(),None,None),None) Paths: Map(Direct(<http://www.w3.org/2000/01/rdf-schema#label>) -> Set(C0), Direct(<http://schema.org/isCityOf>) -> Set(C1)) —endTable  Err: Interval checker failed with value <empty(1,0)>
<a href="#">:India</a>	<a href="#">~:Country</a>	Error: Node :Delhi has no shape :City Errors: Error: Attempt: node: :Delhi, shape: :City Candidate line [(<http://www.w3.org/2000/01/rdf-schema#label>,"Delhi"),C0]] which corresponds to { C0 -> 1 } does not match C0,C1 Table:Constraints: C1->Pos(ShapeRef(IRILabel(<http://foo.com/Country>),None,None),None),C0->Pos(NodeConstraint(None,None,Some(<http://www.w3.org/2001/XMLSchema#string>),List(),None,None),None) Paths: Map(Direct(<http://www.w3.org/2000/01/rdf-schema#label>) -> Set(C0), Direct(<http://schema.org/isCityOf>) -> Set(C1)) —endTable  Err: Interval checker failed with value <empty(1,0)>

Details

Schema Engine (current: ShEx) ShEx Schema embedded: ☐

RDF Data

By inputBy URLBy FileBy Endpoint

```
1 @prefix : <http://foo.com/> .
2 @prefix dbo: <http://dbpedia.org/ontology/>
3 @prefix schema: <http://schema.org/> .
4 @prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#> .
5 @prefix xsd: <http://www.w3.org/2001/XMLSchema#> .
6 @prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#> .
7
8 :Amazing a dbo:Organisation ;
9         dbo:foundedBy :Amrapali ;
10        dbo:location :India .
11
12 :Amrapali a schema:Person ;
13         dbo:birthDate "1980-03-10"^^xsd:int ;
14         dbo:birthPlace :Delhi .
15
16 :Delhi rdfs:label "Delhi" ;
17        dbo:isCityOf :Delhi .
18
19 :India rdfs:label "India" ;
20        dbo:capital :Delhi ;
21        dbo:populationTotal "10000"^^xsd:date ;
22
```

Data Format turtle

Inference before

Mode NONE

Trigger mode

Mode ShapeMap

Shape map

By inputBy URLBy File

```
1 :India@:Country,
2 :Delhi@:City,
3 :Amrapali@:Person,
```

Shape map format COMPACT

Validation time: 76950641

permalink

Schema

By inputBy URLBy File

```
1 PREFIX schema: <http://schema.org/>
2 PREFIX dbo: <http://dbpedia.org/ontology/>
3 PREFIX : <http://foo.com/>
4 PREFIX rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>
5 PREFIX xsd: <http://www.w3.org/2001/XMLSchema#>
6 PREFIX rdfs: <http://www.w3.org/2000/01/rdf-schema#>
7
8 :Country IRI {
9   rdfs:label xsd:string ;
10  dbo:capital @:City ;
11  dbo:populationTotal xsd:int
12 }
13
14 :City IRI {
15   rdfs:label xsd:string ;
16   schema:isCityOf @:Country
17 }
18
19 :Person IRI {
20   a [ schema:Person ] ;
21   dbo:birthDate xsd:date ;
22   dbo:birthPlace @:City
23 }
24
25 :Organisation IRI {
26   a [ dbo:Organisation ] ;
27   dbo:location @:City ;
28   dbo:foundedBy @:Person
29 }
```

Schema Format ShExC

Other options

Editor theme: Eclipse