

HEG-796-22-EXA-6

Questions d'examen

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Question 6 : SHACL - document et agent

Expliquer et commenter le code SHACL ci-dessous:

```
archvd:DocumentShape
  a sh:NodeShape ;
  sh:targetClass archvd:Document ;

  sh:property [
    sh:path rico:title;
    sh:datatype xsd:string ;
    sh:maxLength 500 ;
    sh:minCount 1 ;
    sh:maxCount 1 ;
  ] ;

  sh:property [
    sh:path rico:hasCreator ;
    sh:nodeKind sh:BlankNode ;
    sh:minCount 1 ;
  ] ;

  sh:property [
    sh:path (rico:hasCreator rdf:type) ;
    sh:targetSubjectOf rico:Agent ;
    sh:minCount 1 ;
  ] .

archvd:AgentShape
  a sh:NodeShape ;
  sh:targetClass rico:Agent ;
```

```

sh:property [
    sh:path rico:hasOrHadName;
    sh:datatype xsd:string ;
    sh:maxLength 500 ;
    sh:minCount 1 ;
    sh:maxCount 1 ;
] ;

sh:property [
    sh:path rico:identifier;
    sh:minCount 1 ;
] ;

sh:property [
    sh:path rico:hasModificationDate ;
    sh:datatype xsd:date ;
    sh:minCount 1 ;
] .

```
