Public Record Office Victoria

SPECIFICATION

PROS 19/05 S5: ADDING METADATA PACKAGES TO VEOs

About this Specification

Digital records which have permanent value must be transferred to PROV as VERS Encapsulated Objects (VEOs), at a time agreed between PROV and the public office .

This Specification is for technical developers building systems and tools to construct VEOs. It sets out the requirements for adding metadata packages to VEOs.
Note – the actual VERS code can be downloaded from the PROV website.

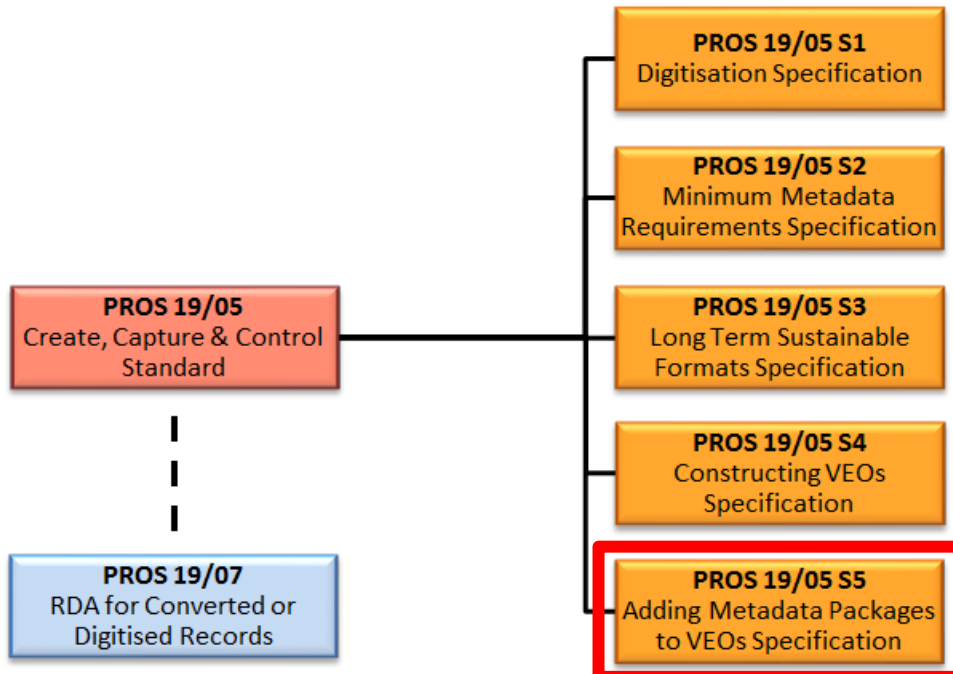The diagram below shows the relationship between this Specification and related documents.

Table of Contents

1 Introduction

1.1   Authority of Standards and Specifications

Under section 12 of the *Public Records Act 1973,* the Keeper of Public Records ('the Keeper') is responsible for the establishment of Standards for the efficient management of public records and for assisting Victorian government agencies to apply those Standards to records under their control.

Heads of public offices are responsible under section 13b of the *Public Records Act 1973* for carrying out, with the advice and assistance of the Keeper, a program of efficient management of public records that is in accordance with all Standards issued by the Keeper. The program of records management needs to cover all records created by the public office, in all formats, media and systems, including organisational systems.

The Standards and Specifications support the Victorian Electronic Record Strategy (VERS) Digital Forever 2018-2021, which is designed to ensure the creation, capture and preservation of authentic, complete and meaningful digital records by the Victorian public sector.

This Specification is part of the *PROS19/05 Create, Capture and Control Standard*. It shall have effect for a period of ten (10) years from the date of issue unless revoked prior to that date.

1.2   Obligation

It is mandatory for all Victorian public offices to follow the principles and comply with the requirements of the Standards issued by the Keeper. Some of the Standards have Specifications, which provide detailed technical requirements that must be complied with by Victorian public offices.

1.3   Applying this Specification

All Victorian public offices must transfer permanent value digital records to PROV as VEOs. This Specification aligns with the PROV Minimum Metadata Requirement Specification, which all Victorian public offices must meet.

This Specification sets out the requirements for adding metadata packages to VEOs. It is written for technical developers who will be building systems and tools to construct VEOs.

This Specification supersedes *PROS 15/03 S2 Adding metadata to VEOs,* which is now revoked. This new Specification does not change the technical requirements for adding metadata.

2 Adding Metadata Packages to VEOs

2.1 Overview

VEOs contain packages of metadata. Each package is intended to represent the properties associated with a particular metadata specification (e.g. a VEO may contain separate metadata packages representing Australian Government Locator Service (AGLS) metadata, digitisation metadata, and geospatial metadata).

Two standard metadata packages are defined. Every VEO must contain one of these two packages.
These packages represent:

- an augmented version of the Victorian government profile of the AGLS. Additional properties have been added to AGLS to indicate when the VEO should be considered for disposal.
- Australian/New Zealand Standard 5478 (or the equivalent Australian Government Recordkeeping Metadata Standard).

These standard metadata packages must be expressed in Resource Description Framework (RDF).

Any other metadata package may be defined and used within a VEO, provided it is expressed as XML. Implementers are strongly encouraged to represent the metadata using RDF as this will allow standard tools to manipulate the metadata.

Within a VEO, each metadata package has two identifiers associated with it:

- the first identifies the metadata package (e.g. AGLS) and allows the meanings of the metadata properties to be discovered; and
- the second identifies how the metadata is expressed as XML (e.g. RDF).

2.2 References

This specification references the following documents:

2.2.1 Extensible Markup Language (XML)

XML is used to represent the metadata, and is defined in Extensible Markup Language (XML) 1.0 (Fifth Edition).

2.2.2 Resource Description Framework (RDF)

The RDF is a framework produced by the W3C to represent information in the web (including metadata). Specifically it defines a way of representing a graph of resources and properties (metadata) about that resource.
The framework consists of a number of recommendations. The RDF 1.1 Concepts and Abstract Syntax specifies the RDF data model. The RDF 1.1 XML Syntax specifies how this model is expressed in XML.

2.2.3   Australian Government Locator Service (AGLS)

The AGLS Metadata Standard is a set of descriptive properties intended to improve the visibility and availability of online resources.

Victorian Government policy is that all web resources are described using AGLS – the Victorian Government Implementation Guide has further advice.

In this specification, a property has been added to AGLS to document when disposal of the resource should be determined.

2.2.4   Australian Government Recordkeeping Metadata Standard (AGRkMS)

The AGRkMS is a set of properties that can be used to describe records and recordkeeping systems. The Standard was produced jointly by the National Archives of Australia (NAA) and Archives New Zealand.

The Australian/New Zealand Standard AS/NZS 5478 is based on the NAA/Archives New Zealand Standard.

2.2.5   AS/NZS 5478

The Australian/New Zealand Standard AS/NZS 5478 - Recordkeeping Metadata Element Reference Set (RMPRS), defines a set of properties that can be used to describe records and recordkeeping systems.

AS/NZS 5478 is almost identical to the AGRkMS.

2.3   Minimum Metadata Requirements

Each VEO must contain one of the two standard metadata packages (AGLS or AS/NZS 5478) in the first Information Object. These metadata packages must be expressed using RDF.

2.4   Additional Metadata Packages

Information Objects may contain any other metadata package that is expressible using XML[1,2].

Each collection of metadata is expressed as a separate Metadata Package within an Information Object. The 'MetadataSchemaIdentifier' property is used to identify the metadata package, and the 'MetadataSyntaxIdentifier' property is used to identify the standard used to encode the metadata into XML.

Implementers are encouraged to use well known metadata packages, and to express them using RDF.

2.5   Metadata expressed as RDF

Any metadata that is expressed as RDF must have the MetadataSyntaxIdentifier property set to: 'http://www.w3.org/1999/02/22-rdf-syntax-ns' (without the quotes).

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[1] The ability to include arbitrary metadata packages allows the public office to store specific metadata in the records. Examples of metadata packages could include GIS data, and digitisation data.

[2] The ability to be able to process and provide access to the additional metadata packages in the future will vary. It is anticipated that an archive will always allow the metadata to be downloaded and processed. In addition, the raw XML can be displayed to users. If the metadata is expressed as RDF, the metadata can be displayed and it may be possible to query the RDF.

2.6   AGLS Metadata

VEOs may be described using AGLS metadata[3].

Victorian public offices must use an augmented version of the Victorian government profile of AGLS. The Victorian AGLS profile is described in the [AGLS Victoria Metadata Implementation Manual](#) . The current version of this document is Version 4.0 issued July 2011.

Use the following schema and syntax identifiers when incorporating AGLS metadata:

- MetadataSchemaIdentifier 'http://www.vic.gov.au/blog/wp-content/uploads/2013/11/AGLS-Victoria-2011-V4-Final-2011.pdf'[4] (without the quotes).
- MetadataSyntaxIdentifier 'http://www.w3.org/1999/02/22-rdf-syntax-ns' (without the quotes).

2.6.1   Additional AGLS Properties

The following additional AGLS properties **must** be added when creating a VEO that is to be archived within a public office[5]. These properties document the planned disposal of the VEO.

It is not necessary to add these properties when creating a VEO that is to be immediately transferred to PROV[6]. This is because the VEO is being created as part of the disposal process.

Disposal Review Date		
OBLIGATION: Conditional		
Sub-properties	**Notes on use**	**Rendered**
N/A	One of DISPOSAL REVIEW DATE or DISPOSAL CONDITION must be present for resources held in agencies. Use DISPOSAL REVIEW DATE when the disposal decision point can be reduced to a simple date that is known in advance (e.g. if the disposal condition is 'Dispose 7 years after creation', and the resource was created in 2020, the DISPOSAL REVIEW DATE will be 2027). The result of the review may be to retain the resource for a further period, in which case the DISPOSAL REVIEW DATE must be updated to indicate when the decision is to be revisited. If the resource is permanent, this property indicates when a decision should be made to transfer it to PROV. Dates must be represented using ISO8601, but should only specify the year unless very precise disposal is required.	XML/RDF-versterms: disposal-ReviewDate

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[3] AGLS was chosen as minimal metadata set as it is (or should be) familiar to all Information Management professionals in the Victorian public sector, and many information packages are likely to already have AGLS descriptions. As AGLS is primarily intended to describe resources, it is necessary to add disposal information to facilitate management of the records over the long term.

[4] This URL is solely used as a unique identifier and does not identify a resource that can be retrieved or opened.

[5] The DISPOSAL properties are required on records held in the public office so that records managers can be cued at the appropriate time to determine if the information contained in the VEO can be disposed of.

[6] Transferring records to PROV is a disposal action. Hence, when creating VEOs specifically for immediate transfer to PROV the disposal decision has already been taken. These disposal fields are consequently redundant.

Disposal Condition		
OBLIGATION: Conditional		
Sub-properties	**Notes on use**	**Rendered**
N/A	One of DISPOSAL REVIEW DATE or DISPOSAL CONDITION must be present for resources held in public offices. Use DISPOSAL CONDITION when the disposal decision point cannot be reduced to a simple date (e.g. 'dispose of 30 years after use ceases'). DISPOSAL CONDITION contains a textual description of the conditions under which this resource can be disposed of (this would normally be a disposal trigger and retention period).	XML/RDF-versterms: disposal-Condition

Disposal Action		
OBLIGATION: Conditional		
Sub-properties	**Notes on use**	**Rendered**
N/A	DISPOSAL ACTION must be present for resources held in public offices. If the resource is permanent, this property must contain the value 'Transfer to PROV'. If the resource is temporary, this property contains a suggestion as to the fate of the information. Methods of disposal could include sale, transfer to another organisation, or destruction. This suggestion, however, need not be followed when the agency makes the decision to dispose of the resource.	XML/RDF-versterms: disposalAction

Disposal Reference		
OBLIGATION: Conditional		
Sub-properties	**Notes on use**	**Rendered**
N/A	DISPOSAL REFERENCE must be present for resources held in public offices. Use to contain a reference to the Retention and Disposal Authority clause that states the retention period governing this class of resource.	XML/RDF-versterms: disposal-Reference

2.6.2   Expressing AGLS Metadata as RDF

The AGLS metadata must be expressed as RDF. The method of representing AGLS using RDF described in AGLS Metadata Standard, Guide to expressing AGLS metadata in RDF must be used. The current version is Version 1.0 issued July 2010.

A template for AGLS metadata expressed as RDF can be downloaded from the PROV website: https://prov.vic.gov.au/recordkeeping-government/a-z-topics/prov-veo-creation-products

2.7   AS/NZS 5478 Metadata

VEOs may be described using metadata conformant[7] to AS/NZS 5478.

Use the following schema and syntax identifiers when incorporating AS/NZS 5478 metadata:

- MetadataSchemaIdentifier 'http://www.prov.vic.gov.au/VERS-as5478'[8] (without the quotes).
- MetadataSyntaxIdentifier 'http://www.w3.org/1999/02/22-rdf-syntax-ns' (without the quotes).

For the purposes of this specification, metadata compliant with the Australian Government Recordkeeping Metadata Standard Version 2.0 (AGRkMS) (July 2008) is considered to be conformant to AS/NZS 5478.

The following mapping between AS/NZS 5478 or AGRkMS properties and RDF property names must be used. The AS/NZS 5478 and AGRkMS documents should be consulted for the meanings of the properties, and whether the properties must or may be present, and whether they can be repeated.

ASNZS 5478 Property		XML/RDF Property Name
0	Entity Type	EntityType
1	Category	Category
2	Identifier	Identifier
2.1	Identifier String	IdentifierString
2.2	Identifier Scheme	IdentifierScheme
3	Name	Name
3.1	Name Words	NameWords
3.2	Name Scheme	NameScheme
4	Date Range	DateRange
4.1	Start Date	StartDate
4.2	End Date	EndDate
5	Description	Description
6	Related entity	RelatedEntity
6.1	Assigned entity ID	AssignedEntityID
6.2	Assigned entity ID scheme	AssignedEntitytIDScheme
6.3	Relationship role	RelationshipRole
7	Change History	ChangeHistory
7.1	Property name	PropertyName
7.2	Prior Value	PriorValue
7.3	Relationship ID	RelationshipID
8	Jurisdiction	Jurisdiction
9	Security classification	SecurityClassification
10	Security caveat	SecurityCaveat
10.1	Caveat text	CaveatText
10.2	Caveat category	CaveatCategory
11	Permissions	Permissions
11.1	Permission text	PermissionText
11.2	Permission type	PermissionType
12	Rights	Rights

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[7] 'Conformant to AS/NZS 5478' allows public offices to use the equivalent National Archives of Australia Commonwealth Recordkeeping Metadata Standard.

[8] This URL is solely used as a unique identifier and does not identify a resource that can be retrieved or opened.

ASNZS 5478 Property		XML/RDF Property Name
12.1	Rights statement	RightsStatement
12.2	Rights type	RightsType
12.3	Rights status	RightsStatus
13	Contact	Contact
13.1	Contact details	ContactDetails
13.2	Contact type	ContactType
14	Position	Position
15	Language	Language
16	Coverage	Coverage
16.1	Jurisdictional coverage	JurisdicationalCoverage
16.2	Temporal coverage	TemporalCoverage
16.3	Spatial coverage	SpatialCoverage
17	Keyword	Keyword
17.1	Keyword term	KeywordTerm
17.2	Keyword ID	KeywordID
17.3	Keyword Scheme	KeywordScheme
17.4	Keyword Scheme Type	KeywordSchemeType
18	Disposal	Disposal
18.1	Retention and Disposal Authority[9]	RetentionAndDisposalAuthority
18.2	Disposal Class ID	DisposalClassID
18.3	Disposal Action	DisposalAction
18.4	Disposal Trigger Date	DisposalTriggerDate
18.5	Disposal Action Due	DisposalActionDue
19	Format	Format
19.1	Format Name	FormatName
19.2	Format Version	FormatVersion
19.3	Creating Application Name	CreatingApplicationName
19.4	Creating Application Version	CreatingApplicationVersion
19.5	Format Registry	FormatRegistry
19.6	Format Registry ID	FormatRegistryID
20	Extent	Extent
20.1	Physical Dimensions	PhysicalDimensions
20.2	Logical Size	LogicalSize
20.3	Quantity	Quantity
20.4	Units	Units
21	Medium	Medium
22	Integrity Check	IntegrityCheck
22.1	Hash Function Name	HashFunctionName
22.2	Message Digest	MessageDigest
23	Location	Location
24	Document Form	DocumentForm
25	Precedence	Precedence

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[9] This property is named 'Records Authority' in the AGRKMS.

2.7.1 Controlled Values

A number of the properties in AS/NZS 5478 and AGRkMS have controlled values which are referred to as Encoding Schemes. In representing these values in VERS, the text used in the XML value must be identical to that presented in AS/NZS 5478 or AGRkMS with no leading or trailing spaces.

It should be noted that AGRkMS provides several additional Encoding Schemes over AS/NZS 5478. These are:

- Extensible List of Identifier Schemes (D3)
- AGLS Jurisdiction Scheme (D7)
- Protective Security Manual Security Classifications (D8)
- Protective Security Manual Security Caveat Categories (D9)
- Protective Security Manual Security Clearances (D10)
- Rights Type Scheme (D12.1)
- Rights Status Scheme (D12.2)
- Contact Type Scheme (D13)
- Getty Thesaurus of Geographic Names Online (D16)
- Extensible list of Keyword Schemes (D17)
- Digital Units Scheme (D19)
- Hash Function Scheme (D20)
- Document Form Scheme (D21)
- Document Precedence Scheme (D22)

These schemes may be used in VEOs if desired.

2.7.2 Templates

The following templates can be used for expressing ASNZS 5478/AGRkMS data in RDF/XML. The templates can be downloaded from the PROV website:
https://prov.vic.gov.au/recordkeeping-government/a-z-topics/prov-veo-creation-products

Note that there are numerous equivalent ways of representing the same RDF metadata in XML and implementers may choose to use another equivalent way of representing the RDF in XML. If another RDF representation is chosen, the resulting graph of RDF properties and labels must be identical to that presented in this template.
In constructing the instances of AS/NZS 5478 or AGRkMS metadata expressed as RDF/XML, the following rules should be followed:

- many of the properties can be repeated. See the ASNZS 5478/AGRkMS documents for details about which properties can be repeated;
- properties may be reordered;
- some properties have controlled values. See the ASNZS 5478/AGRkMS documents for details about what values are legal for each property.

TEMPLATE: Record Entity

```
http://prov.vic.gov.au/vers/schema/ANZS5478     http://www.w3.org/1999/02/22-rdf-syntax-ns
<rdf:RDF xmlns:anzs5478="http://www.prov.vic.gov.au/vers/ANZS5478">
<anzs5478:Record rdf:about="http://www.prov.vic.gov.au/VERS/example">
 <anzs5478:EntityType rdf:datatype="xs:string">Record</anzs5478:EntityType>
 <anzs5478:Category rdf:datatype="xs:string">Item</anzs5478:Category>
 <anzs5478:Identifier rdf:parseType="Resource">
  <anzs5478:IdentifierString rdf:datatype="xs:string">String</anzs5478:IdentifierString>
  <anzs5478:IdentifierScheme rdf:datatype="xs:string">Scheme</anzs5478:IdentifierScheme>
 </anzs5478:Identifier>
 <anzs5478:Name rdf:parseType="Resource">
  <anzs5478:NameWords rdf:datatype="xs:string">String</anzs5478:NameWords>
  <anzs5478:NameScheme rdf:datatype="xs:string">Scheme</anzs5478:NameScheme>
 </anzs5478:Name>
 <anzs5478:DateRange rdf:parseType="Resource">
  <anzs5478:StartDate rdf:datatype="xs:datetime">20010101</anzs5478:StartDate>
  <anzs5478:EndDate rdf:datatype="xs:datetime">20010101</anzs5478:EndDate>
 </anzs5478:DateRange>
 <anzs5478:Description rdf:datatype="xs:string">Text</anzs5478:Description>
 <anzs5478:Jurisdiction rdf:datatype="xs:string">Text</anzs5478:Jurisdiction>
 <anzs5478:SecurityClassification
         rdf:datatype="xs:string">Text</anzs5478:SecurityClassification>
 <anzs5478:SecurityCaveat rdf:parseType="Resource">
  <anzs5478:CaveatText rdf:datatype="xs:string">text</anzs5478:CaveatText>
  <anzs5478:CaveatCategory rdf:datatype="xs:string">text</anzs5478:CaveatCategory>
 </anzs5478:SecurityCaveat>
 <anzs5478:Rights rdf:parseType="Resource">
  <anzs5478:RightsStatement rdf:datatype="xs:string">text</anzs5478:RightsStatement>
  <anzs5478:RightsType rdf:datatype="xs:string">text</anzs5478:RightsType>
  <anzs5478:RightsStatus rdf:datatype="xs:string">text</anzs5478:RightsStatus>
 </anzs5478:Rights>
 <anzs5478:Language rdf:datatype="xs:string">Text</anzs5478:Language>
 <anzs5478:Coverage rdf:parseType="Resource">
  <anzs5478:JurisdictionalCoverage
         rdf:datatype="xs:string">text</anzs5478:JurisdictionalCoverage>
  <anzs5478:TemporalCoverage rdf:datatype="xs:string">text</anzs5478:TemporalCoverage>
  <anzs5478:SpatialCoverage rdf:datatype="xs:string">text</anzs5478:SpatialCoverage>
 </anzs5478:Coverage>
 <anzs5478:Keyword rdf:parseType="Resource">
  <anzs5478:KeywordTerm rdf:datatype="xs:string">text</anzs5478:KeywordTerm>
  <anzs5478:KeywordID rdf:datatype="xs:string">text</anzs5478:KeywordID>
  <anzs5478:KeywordScheme rdf:datatype="xs:string">text</anzs5478:KeywordScheme>
  <anzs5478:KeywordSchemeType rdf:datatype="xs:string">text</anzs5478:KeywordSchemeType>
 </anzs5478:Keyword>
 <anzs5478:Disposal rdf:parseType="Resource">
  <anzs5478:RetentionAndDisposalAuthority
         rdf:datatype="xs:string">text</anzs5478:RetentionAndDisposalAuthority>
  <anzs5478:DisposalClass rdf:datatype="xs:string">text</anzs5478:DisposalClass>
  <anzs5478:DisposalAction rdf:datatype="xs:string">text</anzs5478:DisposalAction>
  <anzs5478:DisposalTriggerDate rdf:datatype="xs:date">text</anzs5478:DisposalTriggerDate>
  <anzs5478:DisposalActionDue rdf:datatype="xs:date">text</anzs5478:DisposalActionDue>
 </anzs5478:Disposal>
 <anzs5478:Format rdf:parseType="Resource">
  <anzs5478:FormatName rdf:datatype="xs:string">text</anzs5478:FormatName>
  <anzs5478:FormatVersion rdf:datatype="xs:string">text</anzs5478:FormatVersion>
  <anzs5478:CreatingApplicationName
         rdf:datatype="xs:string">text</anzs5478:CreatingApplicationName>
  <anzs5478:CreatingApplicationVersion
         rdf:datatype="xs:string">text</anzs5478:CreatingApplicationVersion>
  <anzs5478:FormatRegistry rdf:datatype="xs:string">text</anzs5478:FormatRegistry>
  <anzs5478:FormatRegistryID rdf:datatype="xs:string">text</anzs5478:FormatRegistryID>
 </anzs5478:Format>
 <anzs5478:Extent rdf:parseType="Resource">
  <anzs5478:PhysicalDimensions rdf:datatype="xs:string">text</anzs5478:PhysicalDimensions>
  <anzs5478:LogicalSize rdf:datatype="xs:decimal">text</anzs5478:LogicalSize>
  <anzs5478:Quantity rdf:datatype="xs:integer">text</anzs5478:Quantity>
  <anzs5478:Units rdf:datatype="xs:string">text</anzs5478:Units>
 </anzs5478:Extent>
 <anzs5478:Medium rdf:datatype="xs:string">Text</anzs5478:Medium>
 <anzs5478:IntegrityCheck rdf:parseType="Resource">
  <anzs5478:HashFunctionName rdf:datatype="xs:string">text</anzs5478:HashFunctionName>
  <anzs5478:MessageDigest rdf:datatype="xs:string">ASKD098==</anzs5478:MessageDigest>
 </anzs5478:IntegrityCheck>
 <anzs5478:Location rdf:datatype="xs:string">Text</anzs5478:Location>
 <anzs5478:DocumentForm rdf:datatype="xs:string">Text</anzs5478:DocumentForm>
 <anzs5478:Precedence rdf:datatype="xs:string">Text</anzs5478:Precedence>
</anzs5478:Record>
</rdf:RDF>
```

TEMPLATE: Agent Entity

```
http://prov.vic.gov.au/vers/schema/ANZS5478    http://www.w3.org/1999/02/22-rdf-syntax-ns
<rdf:RDF xmlns:anzs5478="http://www.prov.vic.gov.au/vers/ANZS5478">
<anzs5478:Agent rdf:about="http://www.prov.vic.gov.au/VERS/exampleAgent">
 <anzs5478:EntityType rdf:datatype="xs:string">Agent</anzs5478:EntityType>
 <anzs5478:Category rdf:datatype="xs:string">Item</anzs5478:Category>
 <anzs5478:Identifier rdf:parseType="Resource">
  <anzs5478:IdentifierString rdf:datatype="xs:string">String</anzs5478:IdentifierString>
  <anzs5478:IdentifierScheme rdf:datatype="xs:string">Scheme</anzs5478:IdentifierScheme>
 </anzs5478:Identifier>
 <anzs5478:Name rdf:parseType="Resource">
  <anzs5478:NameWords rdf:datatype="xs:string">String</anzs5478:NameWords>
  <anzs5478:NameScheme rdf:datatype="xs:string">Scheme</anzs5478:NameScheme>
 </anzs5478:Name>
 <anzs5478:DateRange rdf:parseType="Resource">
  <anzs5478:StartDate rdf:datatype="xs:datetime">20010101</anzs5478:StartDate>
  <anzs5478:EndDate rdf:datatype="xs:datetime">20010101</anzs5478:EndDate>
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 <anzs5478:Jurisdiction rdf:datatype="xs:string">Text</anzs5478:Jurisdiction>
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  <anzs5478:PermissionType rdf:datatype="xs:string">Scheme</anzs5478:PermissionType>
 </anzs5478:Permissions>
 <anzs5478:Contact rdf:parseType="Resource">
  <anzs5478:ContactDetails rdf:datatype="xs:string">String</anzs5478:ContactDetails>
  <anzs5478:ContactType rdf:datatype="xs:string">Scheme</anzs5478:ContactType>
 </anzs5478:Contact>
 <anzs5478:Position rdf:datatype="xs:string">Text</anzs5478:Position>
 <anzs5478:Language rdf:datatype="xs:string">Text</anzs5478:Language>
</anzs5478:Agent>
</rdf:RDF>
```

TEMPLATE: Business Entity

```
http://prov.vic.gov.au/vers/schema/ANZS5478 http://www.w3.org/1999/02/22-rdf-syntax-ns
<rdf:RDF xmlns:anzs5478="http://www.prov.vic.gov.au/vers/ANZS5478">
<anzs5478:Business rdf:about="http://www.prov.vic.gov.au/VERS/example">
 <anzs5478:EntityType rdf:datatype="xs:string">Business</anzs5478:EntityType>
 <anzs5478:Category rdf:datatype="xs:string">Item</anzs5478:Category>
 <anzs5478:Identifier rdf:parseType="Resource">
  <anzs5478:IdentifierString rdf:datatype="xs:string">String</anzs5478:IdentifierString>
  <anzs5478:IdentifierScheme rdf:datatype="xs:string">Scheme</anzs5478:IdentifierScheme>
 </anzs5478:Identifier>
 <anzs5478:Name rdf:parseType="Resource">
  <anzs5478:NameWords rdf:datatype="xs:string">String</anzs5478:NameWords>
  <anzs5478:NameScheme rdf:datatype="xs:string">Scheme</anzs5478:NameScheme>
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  <anzs5478:StartDate rdf:datatype="xs:datetime">20010101</anzs5478:StartDate>
  <anzs5478:EndDate rdf:datatype="xs:datetime">20010101</anzs5478:EndDate>
 </anzs5478:DateRange>
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 <anzs5478:Jurisdiction rdf:datatype="xs:string">Text</anzs5478:Jurisdiction>
 <anzs5478:SecurityClassification
        rdf:datatype="xs:string">Text</anzs5478:SecurityClassification>
 <anzs5478:Permissions rdf:parseType="Resource">
  <anzs5478:PermissionText rdf:datatype="xs:string">String</anzs5478:PermissionText>
  <anzs5478:PermissionType rdf:datatype="xs:string">Scheme</anzs5478:PermissionType>
 </anzs5478:Permissions>
</anzs5478:Business>
</rdf:RDF>
```

TEMPLATE: Mandate Entity

```
http://prov.vic.gov.au/vers/schema/ANZS5478 http://www.w3.org/1999/02/22-rdf-syntax-ns
<rdf:RDF xmlns:anzs5478="http://www.prov.vic.gov.au/vers/ANZS5478">
<anzs5478:Mandate rdf:about="http://www.prov.vic.gov.au/VERS/example">
 <anzs5478:EntityType rdf:datatype="xs:string">Mandate</anzs5478:EntityType>
 <anzs5478:Category rdf:datatype="xs:string">Item</anzs5478:Category>
 <anzs5478:Identifier rdf:parseType="Resource">
  <anzs5478:IdentifierString rdf:datatype="xs:string">String</anzs5478:IdentifierString>
  <anzs5478:IdentifierScheme rdf:datatype="xs:string">Scheme</anzs5478:IdentifierScheme>
 </anzs5478:Identifier>
 <anzs5478:Name rdf:parseType="Resource">
  <anzs5478:NameWords rdf:datatype="xs:string">String</anzs5478:NameWords>
  <anzs5478:NameScheme rdf:datatype="xs:string">Scheme</anzs5478:NameScheme>
 </anzs5478:Name>
 <anzs5478:DateRange rdf:parseType="Resource">
  <anzs5478:StartDate rdf:datatype="xs:datetime">20010101</anzs5478:StartDate>
  <anzs5478:EndDate rdf:datatype="xs:datetime">20010101</anzs5478:EndDate>
 </anzs5478:DateRange>
 <anzs5478:Description rdf:datatype="xs:string">Text</anzs5478:Description>
 <anzs5478:Jurisdiction rdf:datatype="xs:string">Text</anzs5478:Jurisdiction>
 <anzs5478:SecurityClassification
         rdf:datatype="xs:string">Text</anzs5478:SecurityClassification>
 <anzs5478:SecurityCaveat rdf:parseType="Resource">
  <anzs5478:CaveatText rdf:datatype="xs:string">text</anzs5478:CaveatText>
  <anzs5478:CaveatCategory rdf:datatype="xs:string">text</anzs5478:CaveatCategory>
 </anzs5478:SecurityCaveat>
 <anzs5478:Coverage rdf:parseType="Resource">
  <anzs5478:SpatialCoverage rdf:datatype="xs:string">text</anzs5478:SpatialCoverage>
 </anzs5478:Coverage>
</anzs5478:Mandate>
</rdf:RDF>
```

TEMPLATE: Relationship Entity

```
http://prov.vic.gov.au/vers/schema/ANZS5478 http://www.w3.org/1999/02/22-rdf-syntax-ns
<rdf:RDF xmlns:anzs5478="http://www.prov.vic.gov.au/vers/ANZS5478">
<anzs5478:Relationship rdf:about="http://www.prov.vic.gov.au/VERS/example">
 <anzs5478:EntityType rdf:datatype="xs:string">Relationship</anzs5478:EntityType>
 <anzs5478:Category rdf:datatype="xs:string">Item</anzs5478:Category>
 <anzs5478:Identifier rdf:parseType="Resource">
  <anzs5478:IdentifierString rdf:datatype="xs:string">String</anzs5478:IdentifierString>
  <anzs5478:IdentifierScheme rdf:datatype="xs:string">Scheme</anzs5478:IdentifierScheme>
 </anzs5478:Identifier>
 <anzs5478:Name rdf:parseType="Resource">
  <anzs5478:NameWords rdf:datatype="xs:string">String</anzs5478:NameWords>
  <anzs5478:NameScheme rdf:datatype="xs:string">Scheme</anzs5478:NameScheme>
 </anzs5478:Name>
 <anzs5478:DateRange rdf:parseType="Resource">
  <anzs5478:StartDate rdf:datatype="xs:datetime">20010101</anzs5478:StartDate>
  <anzs5478:EndDate rdf:datatype="xs:datetime">20010101</anzs5478:EndDate>
 </anzs5478:DateRange>
 <anzs5478:Description rdf:datatype="xs:string">Text</anzs5478:Description>
 <anzs5478:RelatedEntity rdf:parseType="Resource">
  <anzs5478:AssignedEntityID rdf:datatype="xs:string">text</anzs5478:AssignedEntityID>
  <anzs5478:AssignedEntityIDScheme
          rdf:datatype="xs:string">text</anzs5478:AssignedEntityIDScheme>
  <anzs5478:RelationshipRole rdf:datatype="xs:string">text</anzs5478:RelationshipRole>
 </anzs5478:RelatedEntity>
 <anzs5478:ChangeHistory rdf:parseType="Resource">
  <anzs5478:PropertyName rdf:datatype="xs:string">text</anzs5478:PropertyName>
  <anzs5478:PriorValue rdf:datatype="xs:string">text</anzs5478:PriorValue>
  <anzs5478:RelationshipID rdf:datatype="xs:string">text</anzs5478:RelationshipID>
 </anzs5478:ChangeHistory>
</anzs5478:Relationship>
</rdf:RDF>
```

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