

Encoded Archival Context - Corporate Bodies, Persons, and Families (EAC-CPF) Tag Library Version EAC-CPF 2.0.1

2023 Edition

**Prepared and maintained by the
Technical Subcommittee for Encoded Archival
Standards of the Society of American Archivists
and the Staatsbibliothek zu Berlin**



**Encoded Archival Context - Corporate Bodies, Persons, and
Families (EAC-CPF) Tag Library Version EAC-CPF 2.0.1, 2023
Edition**

Available from

17 North State Street, suite 1425
Chicago, IL 60602-3315
USA
312-606-0722
Fax: 312-606-0728
info@archivists.org
www.archivists.org

©Society of American Archivists in collaboration with Staatsbibliothek
zu Berlin, 2023.

Edition : 2023 Edition

Printed : Printed in the United States of America



This work is licensed under a Creative Commons Attribution 4.0 International License (CC BY 4.0). See <http://creativecommons.org/licenses/by/4.0/>. Some rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical or photocopying, recording, or otherwise without attribution.

PLACEHOLDER ISBN VALUE

Table of Contents

Related Standards.....	7
-------------------------------	----------

Release and Revision Notes.....	8
--	----------

Tag Library Conventions.....	10
-------------------------------------	-----------

Elements.....	12
----------------------	-----------

abstract.....	13
address.....	16
addressLine.....	18
agencyCode.....	20
agencyName.....	23
agent.....	25
alternativeSet.....	27
biogHist.....	29
chronItem.....	32
chronItemSet.....	35
chronList.....	38
citedRange.....	40
componentEntry.....	42
contact.....	44
contactLine.....	46
control.....	48
conventionDeclaration.....	53
cpfDescription.....	55
date.....	57
dateRange.....	60
dateSet.....	63
demographicDescription.....	65
demographicDescriptions.....	68
description.....	70
descriptiveNote.....	73
eac.....	75
entityType.....	77
event.....	79
eventDateTime.....	82
eventDescription.....	84
existDates.....	86
fromDate.....	88

function.....	90
functions.....	92
generalContext.....	94
geographicCoordinates.....	96
head.....	98
identity.....	100
identityId.....	103
item.....	105
language.....	107
languageDeclaration.....	109
languageUsed.....	111
languagesUsed.....	113
legalStatus.....	115
legalStatuses.....	117
list.....	120
localControl.....	123
localDescription.....	125
localDescriptions.....	128
localTypeDeclaration.....	130
maintenanceAgency.....	132
maintenanceEvent.....	135
maintenanceHistory.....	137
mandate.....	139
mandates.....	141
multipleIdentities.....	143
nameEntry.....	147
nameEntrySet.....	150
objectXMLWrap.....	152
occupation.....	155
occupations.....	157
otherAgencyCode.....	159
otherEntityType.....	162
otherEntityTypes.....	164
otherRecordId.....	166
p.....	168
part.....	170
place.....	172
placeName.....	175
placeRole.....	177
places.....	179
recordId.....	181
reference.....	183
relation.....	185
relationType.....	188
relations.....	190
representation.....	193

rightsDeclaration.....	195
setComponent.....	197
shortCode.....	199
source.....	201
sources.....	203
span.....	205
structureOrGenealogy.....	207
targetEntity.....	210
targetRole.....	212
term.....	214
toDate.....	217
useDates.....	220
writingSystem.....	222

Attributes..... 224

addressLineType.....	226
agentType.....	227
audience.....	228
base.....	229
calendar.....	231
certainty.....	232
contactLineType.....	233
conventionDeclarationReference.....	234
coordinateSystem.....	235
countryCode.....	236
countryEncoding.....	237
dateEncoding.....	238
detailLevel.....	239
era.....	240
href.....	241
id.....	242
identityType.....	243
languageCode.....	244
languageEncoding.....	245
languageOfElement.....	246
linkRole.....	247
linkTitle.....	248
listType.....	249
localType.....	251
localTypeDeclarationReference.....	252
maintenanceEventReference.....	253
maintenanceEventType.....	255
maintenanceStatus.....	257
notAfter.....	258
notBefore.....	259
preferredForm.....	260
publicationStatus.....	261

repositoryEncoding.....	262
scriptCode.....	263
scriptEncoding.....	264
scriptOfElement.....	265
sourceReference.....	266
standardDate.....	267
standardDateTime.....	268
status.....	269
style.....	270
target.....	272
targetType.....	273
unit.....	274
value.....	275
valueURI.....	276
vocabularySource.....	277
vocabularySourceURI.....	278

Related Standards

The standards maintained by the Society of American Archivists' [Technical Subcommittee on Encoded Archival Standards](#) (TS-EAS) are XML schemas based on established models developed by the [International Council on Archives](#) (ICA).

EAC-CPF is based on the [International Standard Archival Authority Record for Corporate Bodies, Persons and Families](#) (ISAAR-CPF). Revisions to the EAD and EAC-CPF standards are being undertaken by TS-EAS based on the requirements of the Society of American Archivists' standards maintenance schedule and policies, and are not tied to ongoing development of standards by the ICA, though keeping close connections to the ICA [Experts Group on Archival Description](#) as a related standards body.

For this reason, the EAC-CPF 2.0 continues to be based on ISAAR(CPF) rather than the draft versions of Records in Contexts. We anticipate that future versions of EAC-CPF and other standards maintained by TS-EAS will take the Records in Contexts - Conceptual Model into account once it is finalized and approved.

International Standard Archival Authority Record for Corporate Bodies, Persons and Families (ISAAR(CPF))

[ISAAR\(CPF\)](#) is a descriptive standard for descriptions of agent entities (corporate bodies, persons and families) associated with the creation and maintenance of archives. ISAAR(CPF) is maintained by the ICA.

Encoded Archival Description (EAD)

[EAD](#) is an XML standard for encoding archival finding aids, maintained by the TS-EAS of the Society of American Archivists, in partnership with the Library of Congress.

Encoded Archival Guide (EAG)

[EAG](#) is an XML standard for encoding data about archives and related organizations. EAG is maintained by the Archives Portal Europe Foundation and its Working Group on Standards (WGoS). The development of EAG is coordinated in close cooperation with the TS-EAS, which is responsible for EAD and EAC-CPF.

Encoding Standards

The international community of cultural heritage organizations is working on a broad set of diverse standards to meet the challenges of the digital age. Established standards concerning digitization and metadata are maintained by the [Library of Congress](#).

Records in Contexts - Conceptual Model (RiC-CM)

[RiC-CM](#) is a high-level conceptual model that focuses on intellectually identifying and describing records, the people that created and use(d) them, and the activities pursued by the people that the records both facilitate and document. RiC-CM is maintained by the ICA.

Release and Revision Notes

This is the release of the Tag Library for EAC-CPF 2.0. This major release includes changes and updates in the schema undertaken by the SAA [Technical Subcommittee on Encoded Archival Standards](#) (TS EAS) for the second major revision of the standard EAC-CPF. It supersedes the standard version EAC-CPF 2010 edition 2018.

The release is reflecting comments received by the international community of professionals between 2018 and 2021.

The EAC-CPF Tag Library is a living document. As such, it will continue to be developed as users suggest areas in need of clarification or expansion. The TS-EAS still encourages implementers to provide any queries, comments, and suggestions regarding the tag library and its content. In addition, the contribution of examples is highly encouraged. Questions, comments or examples may be directed to the TS-EAS ([ts-eas\[at\]archivists.org](mailto:ts-eas[at]archivists.org)). The underlying encoding of the Tag Library is based on TEI P5 and is designed to facilitate incorporating documentation into the schema to provide guidance in XML editors. While the initial release of the Tag Library is in English, the underlying encoding is designed to facilitate providing the Tag Library in additional languages at later dates.

The latest version of the EAC-CPF schema and tag library was adopted in 2010 and updated in late 2018. This version is called EAC-CPF 2010 edition 2018. The process for a major revision started in 2017, following the 2015 merger of the Technical Subcommittees on EAD and EAC-CPF into the Technical Subcommittee on Encoded Archival Standards (TS-EAS). This major revision aims to modernise the schema in terms of:

- simplifying where possible,
- alignment with EAD where useful,
- implementing features and solutions upon users' request,
- clearing up unused components.

All elements and attributes in EAC-CPF 2010 were evaluated. Bugs and slight changes were made in a minor update of the Schema in 2018. The present version, EAC-CPF 2.0, is the result of a major overhaul of the standard and a reconciliation with EAD.

Following ISAAR(CPF), the established structure of control area, identity area, description area, and relations is still available, as is the idea of encoding multiple identities in one EAC-CPF instance.

The user communities of EAD and EAC-CPF overlap; therefore, the alignment of both schemas, where possible, shall ease the standards' maintenance, usage, teaching, and learning. Elements and attributes used in both standards are harmonized by name, description and technical definition.

With the goal of simplifying the schema and aligning it with EAD, some encoding concepts were modified: linking and referencing, formatting, date

encoding, language encoding, transliteration, control area, identity area, description area, and relations, cf [Revision notes](#).

Working in parallel with the ICA Experts Group on Archival Description (ICA EGAD), who is working on a 2nd draft of Records in Contexts (RiC) which is being designed as the next comprehensive description standard for archives, EAC-CPF 2.0 tries to include the ideas of RiC-CM where feasible, see also [TS EAS statement on related standards](#).

Widely discussed was the question of spelling since the related standard, EAD, uses lower-case for element and attribute names. For easier reading and teaching it was agreed to keep the camel case spelling for element and attribute names and also for fixed values.

Tag Library Conventions

The EAC-CPF Elements section of the Tag Library contains descriptions of 91 elements, arranged alphabetically by element name.

Tag Name:

Short, mnemonic form of the element name that is used in the machine-readable encoded document. The tag name is the first word at the top of the page. Tag names appear between angle brackets, e.g., `<nameEntry>`, except in the listings under "May occur within" and "May contain," and are always in camel case (camelCase).

Element Name:

Expanded version of the tag name that more fully describes the element's meaning. The full name of the element is usually a word or phrase that identifies the element's purpose. In the Tag Library, the element name follows the tag name on the page defining that element and appears with initial capital letters, e.g., `<nameEntry> Name Entry`.

Summary:

A brief statement that provides a concise definition of the element, suitable for quick reference.

May Contain:

Identifies what child nodes (text or elements) may occur within the element being defined. Elements are listed in alphabetical order by tag name. Elements may be empty (e.g., an element which allows no child text or element nodes), or they may contain text (listed as [text]), other elements, or a mixture of text and other elements. Text content cannot include characters that would be interpreted by a parser as action codes. For example, a left angle bracket must be represented as the character entity reference `<`; so that it is not misinterpreted as the start of an element name. The technical availability of child elements is listed in brackets beside each element, e.g. place (0..1). The first character represents the minimum occurrences of the child element and the final character represents the maximum occurrences of the child element, with 'n' representing unlimited occurrences.

May Occur Within:

Identifies all the parent elements within which the described element may appear, listed in alphabetical order by tag name. This information conveys information about where and how often an element is available throughout the schema. The definitions for parent elements may provide additional information about an element's usage.

Attributes:

Identifies all attributes that can be associated with an element. Attributes are represented in camelCase letters in XML coding. The Tag Library uses the convention of preceding an attribute name with an @ symbol (e.g.,

@localType), following XPath syntax. See the EAC-CPF Attributes section of the tag library for definitions and additional information.

Description and Usage:

This section begins with one or more paragraphs that provide a more thorough description of the element than that found in the Summary, which may be followed by guidance on use. The terms "parent" and "child" are used to indicate hierarchical relationships between elements. Standard terminology is also used to suggest the kind of element being discussed. "Wrapper element" indicates an element that cannot contain text directly; a second, nested element must be opened first. When the schema enforces a specific sequence of child elements, that sequence is indicated. If useful, context-specific guidance for the usage of an element's attributes is given in an "Attribute usage" section. A "See also" section may be provided to indicate additional elements that are similar, easily confused, or otherwise related to the element being described.

Availability:

Indicates, within the context of its parent(s), whether the element is required or optional, and whether or not it is repeatable.

Examples:

Element and attribute descriptions include a tagged example to indicate how attributes and elements can be used together. Many of the examples are taken from real authority records; others have been specially constructed for the Tag Library. The examples illustrate any required sequences of elements, as in the case of children within <control>, or required attributes such as @part in <nameEntry>. In other cases, the examples simply show what is possible. Some examples have ellipses, either between or within elements, indicating that other elements or text have been omitted. Some elements have multiple examples: one may show very dense markup with numerous attributes while another may illustrate a minimalist approach to the markup. Either approach is valid in EAC-CPF, and it is up to the instance creator to determine the optimal level of markup based on their specific purposes, functional requirements, resources, or consortial guidelines.

Elements

< abstract >

Abstract

Summary

An optional element within narrative elements such as <biogHist> that contains a brief summary of the information contained within the narrative element as a whole.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	
reference	0..n
span	0..n

May occur within

[biogHist](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

The <abstract> is a brief synopsis of the information in the narrative element that it is used with. Its purpose is to help readers quickly identify the most important aspects in each context. The content within this element may also be harvested by other systems to provide explanatory context when appearing e.g. in a set of search results.

<abstract> may include one or more <reference> elements to point to external resources that provide additional descriptive data.

Availability

Optional, not repeatable

Example

```
<biogHist>
  <abstract>
    Hubert H. Humphrey was born in Wallace, South Dakota (1911).
    He was elected Mayor of Minneapolis in 1945 and served until 1948.
    In November of 1948, he was elected to the United States Senate
    and he also served as the Senate Democratic Whip from 1961 to 1964
    and in 1968, Humphrey was the Democratic Party's candidate for
    President, but he was defeated by Richard M. Nixon.
  </abstract>
  <p>
    Hubert H. Humphrey was born in Wallace, South Dakota, on
    May 27, 1911. He left South Dakota to attend the University of
    Minnesota but returned to South Dakota to help manage his father's
    drug store early in the depression. He attended the Capitol College
    of Pharmacy in Denver, Colorado, and became a register pharmacist
    in 1933. On September 3, 1936, Humphrey married Muriel Fay Buck. He
    returned to the University of Minnesota and earned a B.A. degree in
    1939. In 1940 he earned an M.A. in political science from Louisiana
    State University and returned to Minneapolis to teach and pursue
    further graduate study, he began working for the W.P.A. (Works
    Progress Administration). He moved on from there to a series of
    positions with wartime agencies. In 1943, he ran unsuccessfully
    for Mayor of Minneapolis and returned to teaching as a visiting
    professor at Macalester College in St. Paul. Between 1943 and 1945
    Humphrey worked at a variety of jobs. In 1945, he was elected Mayor
    of Minneapolis and served until 1948. In 1948, at the Democratic
    National Convention, he gained national attention when he delivered
    a stirring speech in favor of a strong civil rights plank in the
    party's platform. In November of 1948, Humphrey was elected to the
    United States Senate. He served as the Senate Democratic Whip from
    1961 to 1964.
  </p>
  <p>
    In 1964, at the Democratic National Convention, President
    Lyndon B. Johnson asked the convention to select Humphrey as the
    Vice Presidential nominee. The ticket was elected in November in a
    Democratic landslide. In 1968, Humphrey was the Democratic Party's
    candidate for President, but he was defeated narrowly by Richard
    M. Nixon. After the defeat, Humphrey returned to Minnesota to teach
    at the University of Minnesota and Macalester College. He returned
    to the U.S. Senate in 1971, and he won re-election in 1976. He died
    January 13, 1978 of cancer.
  </p>
</biogHist>
```

Table of Contents

<address>

Address

Summary

An optional child element of <place> that binds together one or more <addressLine> elements to encode a postal or other address.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
addressLine	1..n

May occur within

[place](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

<address> is an optional wrapper element within <place> used to encode a physical or analog address.

Ideally <address> should be bundled with a <placeName> element within <place> to provide both the name and address of a location.

<address> must include one or more <addressLine> element(s) that provide full or sufficient information identifying a postal or other physical address related to the entity being described.

At least one of <address>, <placeName>, <placeRole>, <geographicCoordinates>, or <contact> is required within <place>.

Availability

Optional, repeatable

See also

Use <contact> to encode digital addresses and contact information.

Example

```
<address audience="external" id="IDAddress1">
  <addressLine languageOfElement="se">
    Kungl. Hovstaterna
  </addressLine>
  <addressLine languageOfElement="se">
    Kungl. Slottet
  </addressLine>
  <addressLine addressLineType="postalCode">
    10770
  </addressLine>
  <addressLine languageOfElement="se"
addressLineType="municipality">
    Stockholm
  </addressLine>
  <addressLine languageOfElement="se" addressLineType="country">
    Sverige
  </addressLine>
  <addressLine languageOfElement="en" addressLineType="country">
    Sweden
  </addressLine>
</address>
```

[Table of Contents](#)

< addressLine >

Address Line

Summary

A required child element of < address > used for recording one line of a postal or other address.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

[address](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
addressLineType	Optional (values limited to: county, country, district, municipality, postBox, postalCode, region, street)
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Attribute usage

Use the optional @addressLineType attribute to encode the part of the address that the < addressLine > refers to, for example "street".

Description and Usage

<addressLine> is used to encode parts or lines of a physical address within a parent <address> element.

<addressLine> may be repeated as many times as necessary to enter all parts of an address.

Availability

Required, repeatable

Example

```
<address>
  <addressLine languageOfElement="se">Kungl. Hovstaterna</
addressLine>
  <addressLine languageOfElement="se">Kungl. Slottet</addressLine>
  <addressLine addressLineType="postalCode">10770</addressLine>
  <addressLine languageOfElement="se"
addressLineType="municipality">Stockholm</addressLine>
  <addressLine languageOfElement="se"
addressLineType="country">Sverige</addressLine>
  <addressLine languageOfElement="en"
addressLineType="country">Sweden</addressLine>
</address>
```

[Table of Contents](#)

< agencyCode >

Agency Code

Summary

A child element of < maintenanceAgency > that provides a code for the institution or service responsible for the creation, maintenance, and/or dissemination of the EAS instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

[maintenanceAgency](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
id	Optional
languageOfElement	Optional
scriptOfElement	Optional
status	Optional (values limited to: alternative, authorized)
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Attribute usage

Use @status with the value "authorized" or "alternative" to declare whether the < agencyCode > is using an authorized value, e.g. a registered ISIL code, or an alternative one.

Description and Usage

Use < agencyCode > to record a code indicating the institution or service responsible for the creation, maintenance and/or dissemination of the EAS

instance. Use of <agencyCode> is recommended, as the combination of <agencyCode> and the required <recordId> provide a globally unique identifier for the instance.

<maintenanceAgency> must include one or both of <agencyCode> and <agencyName>.

It is recommended that the code follows the format of the International Standard Identifier for Libraries and Related Organizations ([ISIL: ISO 15511](#)): a prefix, a dash, and an identifier. The code is alphanumeric (characters A-Z, 0-9, solidus, hyphen-minus, and colon) with a maximum of 16 characters. If appropriate to local or national convention, insert a valid ISIL for an institution, whether provided by a national authority (usually the national library) or a service (such as OCLC). If this is not the case then local institution codes may be given with the [ISO 3166-1 alpha-2](#) country code as the prefix to ensure international uniqueness in <agencyCode>.

Availability

Optional, not repeatable

See also

Use <agencyName> to record the name of the agency.

Use <otherAgencyCode> to record any alternative codes representing the agency.

Use <recordId> in combination with <agencyCode> to provide a globally unique identifier for the EAS instance.

Examples

```
<maintenanceAgency>
  <agencyCode status="authorized" vocabularySource="ISIL"
    vocabularySourceURI="http://id.loc.gov/vocabulary/identifiers/
    isil">
    US-ctybr
  </agencyCode>
  <agencyName>
    Beinecke Rare Book and Manuscript Library
  </agencyName>
  <otherAgencyCode status="authorized" valueURI="https://
    id.loc.gov/vocabulary/organizations/ctybr" vocabularySource="MARC
    Code List for Organizations" vocabularySourceURI="https://
    www.loc.gov/marc/organizations/">
    CtY-BR
  </otherAgencyCode>
  <otherAgencyCode status="alternative" valueURI="https://
    www.wikidata.org/wiki/Q814779" vocabularySource="Wikidata"
    vocabularySourceURI="https://www.wikidata.org/">
    Q814779
  </otherAgencyCode>
```

```
</maintenanceAgency>
```

```
<maintenanceAgency>  
  <agencyCode status="alternative" vocabularySource="NAD"  
    vocabularySourceURI="https://sok.riksarkivet.se/">  
    SE/G066  
  </agencyCode>  
  <agencyName>  
    Kommunalförbundet Sydarkivera  
  </agencyName>  
</maintenanceAgency>
```

```
<maintenanceAgency countryCode="DE">  
  <agencyCode status="authorized" vocabularySource="ISIL"  
    vocabularySourceURI="https://sigel.staatsbibliothek-berlin.de/de/  
    suche/" valueURI="https://ld.zdb-services.de/resource/organisations/  
    DE-611">  
    DE-611  
  </agencyCode>  
  <agencyName>  
    Staatsbibliothek zu Berlin - Preußischer Kulturbesitz,  
    Kalliope-Verbund  
  </agencyName>  
  <agencyName languageOfElement="eng">  
    Berlin State Library - Prussian Cultural Heritage, Kalliope  
    Union Catalog  
  </agencyName>  
</maintenanceAgency>
```

[Table of Contents](#)

< agencyName >

Agency Name

Summary

A child element of < maintenanceAgency > that provides the name of the institution or service responsible for the creation, maintenance, and/or dissemination of the EAS instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

[maintenanceAgency](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
id	Optional
languageOfElement	Optional
scriptOfElement	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Description and Usage

Use < agencyName > to record the name of the institution or service responsible for the creation, maintenance, and/or dissemination of the EAS instance. Examples include the repository name or the name of an aggregation service.

< maintenanceAgency > must include one or both of < agencyName > and < agencyCode > .

It is recommended to use the form of the agency name that is authorized by an appropriate national or international agency or service.

< agencyName > may be repeated in order to provide the name of the institution or service responsible for the EAS instance in multiple languages.

If <agencyName> is repeated it is recommended to indicate the language of each name using @languageOfElement.

Availability

Optional, repeatable

See also

Use <agencyCode> to record a code representing the institution or service responsible for the creation, maintenance, and/or dissemination of the EAS instance.

Examples

```
<maintenanceAgency countryCode="DE">
  <agencyCode status="authorized" vocabularySource="ISIL"
    vocabularySourceURI="https://sigel.staatsbibliothek-berlin.de/de/
    suche/" valueURI="https://ld.zdb-services.de/resource/organisations/
    DE-611">
    DE-611
  </agencyCode>
  <agencyName>
    Staatsbibliothek zu Berlin - Preußischer Kulturbesitz,
    Kalliope-Verbund
  </agencyName>
  <agencyName languageOfElement="eng">
    Berlin State Library - Prussian Cultural Heritage, Kalliope
    Union Catalog
  </agencyName>
</maintenanceAgency>
```

```
<maintenanceAgency>
  <agencyCode status="authorized" vocabularySource="ISIL"
    vocabularySourceURI="http://id.loc.gov/vocabulary/identifiers/
    isil">
    US-nnmnh
  </agencyCode>
  <agencyName>
    American Museum of Natural History
  </agencyName>
</maintenanceAgency>
```

[Table of Contents](#)

< agent >

Agent

Summary

A required child element of < maintenanceEvent > that provides the name of a person, institution, or system responsible for a specific event in the EAS instance's maintenance history, such as its creation, modification, or deletion.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

[maintenanceEvent](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
agentType	Required (values limited to: human, machine, unknown)
audience	Optional (values limited to: external, internal)
id	Optional
languageOfElement	Optional
scriptOfElement	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Attribute usage

Use the required @agentType attribute to specify whether the agent is "human", "machine", or "unknown".

Description and Usage

Use < agent > to indicate the person, institution, or system responsible for a maintenance event. Examples include the name of the author or encoder, the database responsible for creating the EAS instance, and the style sheet used to

update an instance to a new version of the EAS. Each < maintenanceEvent > element must have a child < agent > element.

Availability

Required, not repeatable

Example

```
<maintenanceHistory>
  <maintenanceEvent maintenanceEventType="derived">
    <agent agentType="machine">
      XSLT ead2cpf.xsl/Saxon B9
    </agent>
    <eventDateTime
standardDateTime="2009-08-30T09:37:17.029-04:00"/>
    <eventDescription>
      Derived from EAD instance.
    </eventDescription>
  </maintenanceEvent>
  <maintenanceEvent maintenanceEventType="revised">
    <agent agentType="unknown"/>
    <eventDateTime standardDateTime="2021-11-27"/>
  </maintenanceEvent>
  <maintenanceEvent maintenanceEventType="updated">
    <agent agentType="human">
      K. Bredenberg
    </agent>
    <eventDateTime>
      December 2021
    </eventDateTime>
  </maintenanceEvent>
</maintenanceHistory>
```

[Table of Contents](#)

< alternativeSet >

Alternative Set

Summary

A container for one or more authority records derived from one or more authority systems, expressed within a single EAC-CPF instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
setComponent	1..n

May occur within

[cpfDescription](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
base	Optional
conventionDeclarationReference	Optional
languageOfElement	Optional
id	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

< alternativeSet > is a container element for one or more authority records derived from one or more alternative systems. Authority record aggregation may be used in cooperative or consortial contexts that gather together records describing the same CPF entity in different languages, from different rules, or from different contexts, when it is desirable to provide users with alternative descriptions of the same entity. For example in the context of the European Union, an international cooperative project may want to provide users the option of storing descriptions in English, French, German, Italian, Spanish, and in other European languages.

Alternative authority records are contained within the required `<setComponent>` child elements. This approach allows different descriptions of the same CPF entity to be contained within a single EAC-CPF instance.

Availability

Optional, not repeatable

See also

`<alternativeSet>` should not be confused with `<sources>`, wherein authority records are not intended to be displayed as alternative versions.

Example

```
<alternativeSet>
  <setComponent href="http://www.womenaustralia.info/biogs/
AWE0064b.htm" linkTitle="Hill, Dorothy - Woman - The Australian
Women's Register">
    <componentEntry>
      The Australian Women's Register record.
    </componentEntry>
  </setComponent>
  <setComponent href="http://nla.gov.au/anbd.aut-an35995526"
linkTitle="Hill, Dorothy, 1907-1997 - Full record view - Libraries
Australia Search">
    <componentEntry>
      Libraries Australia record.
    </componentEntry>
  </setComponent>
  <setComponent href="https://www.eoas.info/biogs/P000494b.htm"
linkTitle="Hill, Dorothy - Biographical entry - Encyclopedia of
Australian Science">
    <componentEntry>
      Encyclopedia of Australian Science record.
    </componentEntry>
  </setComponent>
</alternativeSet>
```

[Table of Contents](#)

< biogHist >

Biography or History

Summary

A concise essay and/or chronology that provides biographical or historical information about the EAC-CPF entity.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
abstract	0..1
chronList	0..n
head	0..1
list	0..n
p	0..n

May occur within

[description](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

< biogHist > includes significant details about the life of an individual or family, or the administrative history of a corporate body. The < biogHist > element may contain text in a series of paragraphs (< p >), and/or a chronology list (< chronList >) that matches dates and date ranges with associated events and/or places. The < abstract > element is intended

to provide a very brief synopsis of the full <biogHist> content that could be extracted for inclusion in a remote source, such as a MARC record. The optional <list> element is used to accommodate greater complexity in expressing or representing the biography or history of the CPF entity. A simpler discursive expression of the information may be encoded as one or more <p> elements. The optional <head> element can be used to add a title or caption to the text.

The prescribed order of all child elements (both required and optional) is:

<head>

<abstract>

One or more of <chronList>, <list>, or <p>

Availability

Optional, repeatable

Examples

```
<biogHist>
  <abstract>
    Established in 1961, the United States Peace Corps
    administered and coordinated Federal international volunteer
    and related domestic volunteer programs in areas of agricultural
    assistance, community development, education, environmental
    protection, and nation assistance.
  </abstract>
  <p>
    The Peace Corps was established as an operating agency in the
    Department of State Delegation of Authority 85-11, effective March
    3, 1961, pursuant to Executive Order (E.O.) 10924, March 1, 1961.
    It was recognized legislatively by the Peace Corps Act (75 Stat.
    612), approved September 22, 1961. The Peace Corps was reassigned
    to the newly established ACTION by Reorganization Plan No. 1
    of 1971, effective July 1, 1971. It was made autonomous within
    ACTION by E.O. 12137, May 16, 1979, and was made an independent
    agency by Title VI of the International Security and Development
    Corporation Act of 1981 (95 Stat. 1540), February 21, 1982. The
    Peace Corps administered and coordinated Federal international
    volunteer and related domestic volunteer programs including the
    areas of agricultural assistance, community development, education,
    environmental protection, and nation assistance.
  </p>
</biogHist>
```

```
<biogHist>
  <p>
    Ilma Mary Brewer, nee Pidgeon, was Lecturer in Botany/Biology,
    University of Sydney 1963-70 and Senior Lecturer in Biological
```

Sciences 1970-78. She developed new methods of teaching based on the recognition that a student learnt more by working at his/her own place and instruction him/her self. Her findings were published as a book, "Learning More and Teaching Less."

```

    </p>
    <chronList>
      <chronItem>
        <date standardDate="1936">
          1936
        </date>
        <event>
          Bachelor of Science (BSc) completed at the University of
Sydney
        </event>
      </chronItem>
      <chronItem>
        <date standardDate="1937">
          1937
        </date>
        <event>
          Master of Science (MSc) completed at the University of
Sydney
        </event>
      </chronItem>
      <chronItem>
        <dateRange>
          <fromDate standardDate="1937">
            1937
          </fromDate>
          <toDate standardDate="1941">
            1941
          </toDate>
        </dateRange>
        <event>
          Linnean Macleay Fellow
        </event>
      </chronItem>
    </chronList>
  </biogHist>

```

[Table of Contents](#)

<chronItem>

Chronology Item

Summary

A required element within <chronList> that pairs a date with one or more events and zero or more places within a chronology list.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
chronItemSet	0..n
date or dateRange or dateSet	1..1
event	1..1
place	0..1
reference	0..n

May occur within

[chronList](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Attribute usage

Use @localType, if local use requires specification of the type of chronological item.

Description and Usage

A required element within a chronology list, `<chronItem>` must contain `<date>`, `<dateRange>`, or `<dateSet>` followed by an `<event>` or `<chronItemSet>`. Use `<dateRange>` to record an inclusive pair of dates or `<dateSet>` to record multiple dates or date ranges.

An optional `<place>` element may be used alongside `<event>` to detail a place that is relevant to the chronology item.

`<chronItemSet>` can be used to record multiple events or places within a single `<chronItem>`.

The prescribed order of all child elements (both required and optional) is:

One of `<date>`, `<dateRange>`, or `<dateSet>`

Either `<event>` or `<chronItemSet>`

`<place>` (only when `<event>` is used)

`<reference>`

Availability

Required, repeatable

Example

```
<chronList>
  <chronItem>
    <dateRange>
      <fromDate standardDate="1944">
        1944
      </fromDate>
      <toDate standardDate="1947">
        1947
      </toDate>
    </dateRange>
    <event>
      Summer employment at Minnesota Valley Canning Co.
    </event>
    <place>
      <placeName>
        Blue Earth (Minn.)
      </placeName>
    </place>
  </chronItem>
  <chronItem>
    <dateRange>
      <fromDate standardDate="1946">
        1946
      </fromDate>
      <toDate standardDate="1948">
        1948
      </toDate>
```

```
</dateRange>
  <event>
    Macalester College
  </event>
</place>
  <placeName>
    St. Paul (Minn.)
  </placeName>
</place>
</chronItem>
<chronItem>
  <date standardDate="1948">
    1948
  </date>
  <event>
    Campaign Manager, 2nd District, State Democratic-Farmer-Labor
    Central Committee. Report to Orville Freeman.
  </event>
</chronItem>
</chronList>
```

[Table of Contents](#)

< chronItemSet >

Chronology Item Set

Summary

An element for binding together one or more <event> elements and zero or more <place> elements within <chronItem>.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
event	1..n
place	0..n
reference	0..n

May occur within

[chronItem](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

Use <chronItemSet> within <chronItem> when it is necessary to associate multiple <event> elements and multiple <place> elements. Possible combinations include multiple events, a single event associated with multiple locations, multiple events associated with a single location, or multiple events associated with multiple locations. <chronItemSet> may be repeated within <chronItem> when necessary to associate multiple instances of such combinations with the date or dates recorded within <chronItem>.

The prescribed order of all child elements (both required and optional) is:

<event>

One or more of <place> or <reference>

Availability

Optional, repeatable

Examples

```
<chronItem>
  <date>
    2015
  </date>
  <chronItemSet>
    <event>
      Opens additional stores
    </event>
    <place>
      <placeName>
        Woodbury, Minnesota
      </placeName>
    </place>
    <place>
      <placeName>
        Roseville, Minnesota
      </placeName>
    </place>
  </chronItemSet>
</chronItem>
```

```
<chronItem>
  <date>
    1948
  </date>
  <chronItemSet>
    <event>
      Graduates from the University of Minnesota
    </event>
    <event>
      Begins work as a receptionist for the Humphrey for Senator
      Committee
    </event>
    <place>
      <placeName>
        Minneapolis, Minnesota
      </placeName>
    </place>
  </chronItemSet>
</chronItem>
```

```
<chronItem>
  <date>
    March 1957
  </date>
  <chronItemSet>
    <event>
      Dies
    </event>
    <place>
      <placeName>
        Biwabik, Minnesota
      </placeName>
    </place>
  </chronItemSet>
  <chronItemSet>
    <event>
      Buried in Lakewood Cemetery
    </event>
    <place>
      <placeName>
        Minneapolis, Minnesota
      </placeName>
    </place>
  </chronItemSet>
</chronItem>
```

[Table of Contents](#)

< chronList >

Chronology List

Summary

An optional child element of < biogHist > used to document a structured chronological list of events, dates, and (optionally) places.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
chronItem	1..n

May occur within

[biogHist](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

< chronList > comprises a sequentially structured list of significant events in the life of the person or during the existence of the family or corporate body described in the EAC-CPF instance. Such events are associated with the date of occurrence and optionally with the name of a place.

Each < chronList > contains one or more < chronItem > elements, each associating a < date >, < dateRange >, or < dateSet > with an < event > and an optional < place >.

Availability

Optional, repeatable

Example

```
<chronList>
  <chronItem>
    <date standardDate="1936">
      1936
    </date>
    <event>
      Bachelor of Science (BSc) completed at the University of
      Sydney
    </event>
  </chronItem>
  <chronItem>
    <date standardDate="1937">
      1937
    </date>
    <event>
      Master of Science (MSc) completed at the University of Sydney
    </event>
  </chronItem>
  <chronItem>
    <dateRange>
      <fromDate standardDate="1937">
        1937
      </fromDate>
      <toDate standardDate="1941">
        1941
      </toDate>
    </dateRange>
    <event>
      Linnean Macleay Fellow
    </event>
  </chronItem>
  <chronItem>
    <dateRange>
      <fromDate certainty="approximate" standardDate="1939">
        c. 1939
      </fromDate>
      <toDate certainty="approximate" standardDate="1945">
        c. 1945
      </toDate>
    </dateRange>
    <event>
      Worked with Army Intelligence to map the vegetation (trees and
      undergrowth) in the coastal regions of New South Wales
    </event>
  </chronItem>
</chronList>
```

[Table of Contents](#)

< citedRange >

Cited Range

Summary

An optional child element of < source > that identifies precisely where supporting evidence was found within the source.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

[source](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
id	Optional
languageOfElement	Optional
scriptOfElement	Optional
target	Optional
unit	Optional

Attribute usage

Use the optional @unit attribute to specify the format that the < citedRange > refers to, for example page number or volume number.

Description and Usage

The < citedRange > element can be used to refer to a specific location within a source where supporting evidence can be found. It may refer to a specific location such as a single page, or a broader location such as a range of pages.

Availability

Optional, repeatable

Example

```
<source xml:id="source1" xlink:href="https://www.theguardian.com/
books/2018/aug/10/langston-hughes-born-a-year-before-accepted-date-
poet">
  <reference>
    Flood, Alison <span localType="http://id.loc.gov/ontologies/
bibframe/title">"Langston Hughes 'born a year before accepted date',
researcher finds,"</span> The Guardian. Published 10 August 2018.
  </reference>
  <citedRange unit="page">
    1
  </citedRange>
  <descriptiveNote>
    <p>
      Poet researching archives of local African American
      newspaper finds story reporting on 'little Langston' before his
      recorded birth date
    </p>
  </descriptiveNote>
</source>
```

[Table of Contents](#)

< componentEntry >

Component Entry

Summary

A child element of <setComponent> that can be used to provide identification and access to a linked resource.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

setComponent

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Description and Usage

<componentEntry> is used within <setComponent> to provide a textual note about the alternative authority record that is being bundled together with others describing the same entity. The bundled alternative records for a given EAC-CPF entity may be in different languages or come from different authority systems. The bundling allows them to be transmitted or stored together. The

<componentEntry> element provides a place where a particular alternative record can be described or explained in relation to the other authority records.

Availability

Optional, repeatable

Example

```
<alternativeSet>
  <setComponent href="https://adb.anu.edu.au/biography/mawson-sir-
douglas-7531" linkTitle="Biography - Sir Douglas Mawson - Australian
Dictionary of Biography">
    <componentEntry>
      Australian Dictionary of Biography record.
    </componentEntry>
  </setComponent>
  <setComponent href="http://nla.gov.au/anbd.aut-an35335937"
linkTitle="Mawson, Douglas, Sir, 1882-1958 - Full record view -
Libraries Australia Search">
    <componentEntry>
      Libraries Australia record.
    </componentEntry>
  </setComponent>
  <setComponent href="https://www.eoas.info/biogs/P0000631b.htm"
linkTitle="Mawson, Douglas - Biographical entry - Encyclopedia of
Australian Science">
    <componentEntry>
      Encyclopedia of Australian Science record.
    </componentEntry>
  </setComponent>
</alternativeSet>
```

[Table of Contents](#)

<contact>

Contact

Summary

An optional child element of <place> that binds together one or more <contactLine> elements to encode contact details or digital addresses.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
contactLine	1..n

May occur within

[place](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

<contact> is an optional wrapper element within <place> used to encode digital addresses and contact information.
<contact> must include one or more <contactLine> element(s) that provide relevant contact details for the entity being described.
At least one of <contact>, <placeName>, <placeRole>, <geographicCoordinates>, or <address> is required within <place>.

Availability

Optional, repeatable

See also

Use <address> to encode a physical or analog address.

Example

```
<contact audience="external" id="IDContact1">
  <contactLine contactLineType="phoneNumber">
    08-402 60 00
  </contactLine>
  <contactLine languageOfElement="se" contactLineType="homepage">
    https://www.kungahuset.se/2.1c3432a100d8991c5b80001816.html
  </contactLine>
  <contactLine languageOfElement="en" contactLineType="homepage">
    https://www.kungahuset.se/
    royalcourt.4.367010ad11497db6cba800054503.html
  </contactLine>
</contact>
```

[Table of Contents](#)

<contactLine>

Contact Line

Summary

A required child element of <contact> used for recording one line of contact details or digital addresses.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

[contact](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
contactLineType	Optional (values limited to: directions, email, fax, homepage, mobileNumber, phoneNumber)
conventionDeclarationReference	Optional
href	Optional
id	Optional
languageOfElement	Optional
linkRole	Optional
linkTitle	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Attribute usage

Use the optional @contactLineType attribute to encode the type of contact detail that the <contactLine> refers to, for example "phoneNumber".

Description and Usage

<contactLine> is used to encode separate details or lines of contact details or digital addresses within a parent <contact> element.

<contactLine> may be repeated as many times as necessary to enter all relevant contact details.

Availability

Required, repeatable

Example

```
<contact>
  <contactLine contactLineType="phoneNumber">
    08-402 60 00
  </contactLine>
  <contactLine languageOfElement="se" contactLineType="homepage">
    https://www.kungahuset.se/2.1c3432a100d8991c5b80001816.html
  </contactLine>
  <contactLine languageOfElement="en" contactLineType="homepage">
    https://www.kungahuset.se/
    royalcourt.4.367010ad11497db6cba800054503.html
  </contactLine>
</contact>
```

[Table of Contents](#)

< control >

Control

Summary

A required child element of the root element that contains information about the creation, maintenance, status and the rules and authorities used in the composition of the EAS instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
conventionDeclaration	0..n
languageDeclaration	0..n
localControl	0..n
localTypeDeclaration	0..n
maintenanceAgency	1..1
maintenanceHistory	1..1
otherRecordId	0..n
recordId	1..1
rightsDeclaration	0..n
representation	0..n
sources	0..1

May occur within

[eac](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
base	Optional
countryEncoding	Optional (values limited to: iso3166-1, otherCountryEncoding)
dateEncoding	Optional (values limited to: iso8601, otherDateEncoding)
detailLevel	Optional (values limited to: basic, extended, minimal)
id	Optional

<i>Attribute name</i>	<i>Attribute values</i>
languageEncoding	Optional (values limited to: ietf-bcp-47, iso639-1, iso639-2b, iso639-3, other-LanguageEncoding)
languageOfElement	Optional
maintenanceStatus	Required (values limited to: cancelled, deleted, deletedMerged, deletedReplaced, deletedSplit, derived, new, revised)
publicationStatus	Optional (values limited to: approved, inProcess, published)
repositoryEncoding	Optional (values limited to: iso15511, otherRepositoryEncoding)
scriptEncoding	Optional (values limited to: iso15924, otherScriptEncoding)
scriptOfElement	Optional
target	Optional

Attribute usage

Use the required @maintenanceStatus attribute to document the current version status of the EAS instance.

Use the optional @publicationStatus attribute to record the editorial status of the EAS instance.

Description and Usage

This required wrapper element within the root element of an EAS instance contains the information necessary to manage the instance itself. This includes information about its creation, maintenance and status as well as the languages, rules and authorities used in the composition of the description.

It must contain a unique identifier for the instance within the <recordId> element. Other associated identifiers may be given in <otherRecordId>.

There must be a description of the agency responsible for its creation and maintenance in <maintenanceAgency> as well as statements about its current drafting status in @maintenanceStatus and the creation, maintenance, and disposition of the instance in <maintenanceHistory>.

There are optional elements available to declare languages, rules, conventions and sources used in the EAS instance. Other control elements considered necessary but not otherwise included may be given in the <localControl> element. Similarly, local types for certain elements used throughout the EAS instance are recommended to be defined in the <localTypeDeclaration> element.

The available child elements (both required and optional), in their prescribed order, are:

- <recordId> - Required. Contains the unique identifier for the EAS instance.

< maintenanceAgency > - Required. Contains the name and coded information about the institution or service responsible for the creation, maintenance, and/or dissemination of the EAS instance.

< maintenanceHistory > - Required. Contains information about the date, type and events within the life cycle of an EAS instance.

< sources > - Optional. Contains information about the sources consulted in creating the descriptive parts of the EAS instance.

The following elements may appear in any order after the above elements:

< conventionDeclaration > - Optional. Contains information on the rules or conventions used to construct the EAS instance.

< languageDeclaration > - Optional. Contains coded and natural language information about the language or languages of the EAS instance.

< localControl > - Optional. Contains any administrative metadata necessary due to local practice that are not represented by the other elements in < control > .

< localTypeDeclaration > - Optional. Contains information about local conventions used in the @localType attribute.

< otherRecordId > - Optional. An element that allows the recording of additional identifiers that may be associated with the EAS instance.

< representation > - Optional. Used for recording a link to a transformed and deliverable version of the EAS instance.

< rightsDeclaration > - Optional. Contains information about the usage rights of the EAS instance.

Availability

Required, not repeatable

Examples

```

<control countryEncoding="iso3166-1" dateEncoding="iso8601"
languageEncoding="iso639-2b" maintenanceStatus="new"
publicationStatus="published" repositoryEncoding="iso15511"
scriptEncoding="iso15924">
  <recordId>
    https://kalliope-verbund.info/gnd/118584618
  </recordId>
  <maintenanceAgency countryCode="DE">
    <agencyCode status="authorized">
      DE-611
    </agencyCode>
    <agencyName>
      Staatsbibliothek zu Berlin - Preußischer Kulturbesitz,
      Kalliope-Verbund
    </agencyName>
    <agencyName languageOfElement="eng">
      Berlin State Library - Prussian Cultural Heritage, Kalliope
      Union Catalog
    </agencyName>
  </maintenanceAgency>
  <maintenanceHistory>
    <maintenanceEvent maintenanceEventType="created">
      <agent agentType="unknown">
        DE-101
      </agent>
      <eventDateTime standardDateTime="1988-07-01"/>
    </maintenanceEvent>
    <maintenanceEvent maintenanceEventType="revised">
      <agent agentType="unknown">
        1400
      </agent>
      <eventDateTime standardDateTime="2015-10-15"/>
    </maintenanceEvent>
  </maintenanceHistory>
  <sources>
    <source>
      <reference>
        Szbl. Mozart-Lex.
      </reference>
    </source>
  </sources>
  <conventionDeclaration>
    <reference href="https://www.loc.gov/aba/rda/">
      Resource Description and Access
    </reference>
    <shortCode>
      RDA
    </shortCode>
  </conventionDeclaration>
  <languageDeclaration languageCode="ger" scriptCode="Latn"/>
  <localTypeDeclaration>
    <reference href="https://d-nb.info/standards/elementset/
gnd_20191015">
      GNDO
    </reference>
    <descriptiveNote>

```

```

        <p languageOfElement="ger">
            Gemeinsame Normdatei Ontologie
        </p>
        <p languageOfElement="eng">
            Integrated Authority File Ontology
        </p>
        <p>
            Version 2019-10-15
        </p>
    </descriptiveNote>
</localTypeDeclaration>
<localTypeDeclaration>
    <reference href="https://www.loc.gov/marc/authority/">
        MARC21
    </reference>
</localTypeDeclaration>
    <otherRecordId localType="024$a"
localTypeDeclarationReference="MARC21">
        http://d-nb.info/gnd/118584618
    </otherRecordId>
    <otherRecordId localType="035$a"
localTypeDeclarationReference="MARC21">
        (DE-101)118584618
    </otherRecordId>
    <otherRecordId localType="https://d-nb.info/standards/
elementset/gnd#gndIdentifier" localTypeDeclarationReference="GNDO">
        (DE-588)118584618
    </otherRecordId>
    <otherRecordId localType="https://d-nb.info/
standards/elementset/gnd#oldAuthorityNumber"
localTypeDeclarationReference="GNDO">
        (DE-588a)118584618
    </otherRecordId>
    <otherRecordId localType="https://d-nb.info/
standards/elementset/gnd#oldAuthorityNumber"
localTypeDeclarationReference="GNDO">
        (DE-588c)4040426-2
    </otherRecordId>
    <rightsDeclaration>
        <reference href="https://creativecommons.org/publicdomain/
zero/1.0/deed.de">
            CC0 1.0 Universell
        </reference>
    </rightsDeclaration>
</control>

```

Table of Contents

< conventionDeclaration >

Convention Declaration

Summary

An optional child element of < control >, used to declare the rules or conventions, including authorized controlled vocabularies and thesauri, applied in creating the EAS instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
descriptiveNote	0..1
reference	1..1
shortCode	0..1

May occur within

[control](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
id	Optional
languageOfElement	Optional
scriptOfElement	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Description and Usage

< conventionDeclaration > is used for declaring references to any rules and conventions, including authorized controlled vocabularies or thesauri, applied in the construction of the description. The element binds together the required < reference > element with optional < shortCode > and < descriptiveNote > elements that identify rules or conventions applied in compiling the EAS instance.

Each additional rule or set of rules, controlled vocabulary, or standard should be contained in a separate < conventionDeclaration > .

<shortCode> may be used to identify the standard or controlled vocabulary in a coded structure. Any notes relating to how these rules or conventions have been used may be given within <descriptiveNote>.

It may not be necessary to include <conventionDeclaration> in such cases where the above scenarios are addressed in local or consortial documentation. The prescribed order of all child elements (both required and optional) is:

<reference>

<shortCode>

<descriptiveNote>

Availability

Optional, repeatable

Example

```
<conventionDeclaration id="cd1">
  <reference href="https://www.legifrance.gouv.fr/loda/id/JORFTEXT000033553530/">
    Décret n° 2016-1689 du 8 décembre 2016 fixant le nom, la composition et le chef-lieu des circonscriptions administratives régionales - Légifrance
  </reference>
</conventionDeclaration>
<conventionDeclaration id="cd2">
  <reference href="https://deliberation.maregionsud.fr/docs/ASSEMBLEEPLENIERE/2017/12/15/DELIBERATION/D0V0Q.pdf">
    DELIBERATION N° 17-1166, 15 DECEMBRE 2017
  </reference>
</conventionDeclaration>
<conventionDeclaration id="cd3">
  <reference href="cnig.gouv.fr/wp-content/uploads/2015/03/CNT-site-collectivit%C3%A9s-fran%C3%A7aises.pdf">
    Commission nationale de toponymie: Collectivités territoriales françaises
  </reference>
</conventionDeclaration>
```

[Table of Contents](#)

< cpfDescription >

CPF Description

Summary

A wrapper element that binds together the descriptive information of one CPF identity.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
alternativeSet	0..1
description	0..1
identity	1..1
relations	0..1

May occur within

[eac](#), [multipleIdentities](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
base	Optional
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Attribute usage

Use the @id attribute to identify individual < cpfDescription > elements when using the < multipleIdentities > structure.

Description and Usage

< cpfDescription > contains the description of one identity.

The `<cpfDescription>` includes a required `<identity>` element containing the entity type and authorized or alternative name entries. It also includes the optional `<description>` and `<relations>` elements that provide contextual information about the CPF entity being described, including the relations to other corporate bodies, persons, families, resources, and functions. An optional `<alternativeSet>` element allows the incorporation of one or more authority records derived from one or more authority systems. The prescribed order of all child elements (both required and optional) is:

`<identity>`

`<description>`

`<relations>`

`<alternativeSet>`

Availability

Within `<eac>`: one of `<cpfDescription>` or `<multipleIdentities>` required, not repeatable

Within `<multipleIdentities>`: two or more `<cpfDescription>` required, repeatable

Example

```
<cpfDescription>
  <identity>
    <entityType value="person"/>
    <nameEntry>
      <part localType="familyname">Hill</part>
      <part localType="givenname">Dorothy</part>
    </nameEntry>
  </identity>
  <description> [...] </description>
  <relations> [...] </relations>
</cpfDescription>
```

[Table of Contents](#)

< date >

Date**Summary**

An element for encoding a single date relating to the entity or materials being described, or in their relationship to other entities.

May contain

Element/content type
[text]

Occurrences

May occur within

[chronItem](#), [dateSet](#), [demographicDescription](#), [existDates](#), [function](#), [legalStatus](#), [localControl](#), [localDescription](#), [mandate](#), [occupation](#), [otherEntityType](#), [place](#), [relation](#), [useDates](#)

Attributes

Attribute name

[audience](#)

[calendar](#)

[certainty](#)

[conventionDeclarationReference](#)

[era](#)

[id](#)

[languageOfElement](#)

[localType](#)

[localTypeDeclarationReference](#)

[maintenanceEventReference](#)

[notAfter](#)

[notBefore](#)

[scriptOfElement](#)

[standardDate](#)

[status](#)

[sourceReference](#)

[target](#)

Attribute values

Optional (values limited to: external, internal)

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional (values limited to: unknown)

Optional

Optional

Attribute usage

Use @certainty to indicate the degree of precision in the dating, for example, "uncertain" or "approximate".
Use @localType to supply a more specific characterization of the date.
Use @notAfter and @notBefore to capture the latest and earliest possible dates in machine-processable form in cases when the date is uncertain.
Use @standardDate to provide a machine-processable form of the date.
Use @status with the value "unknown" to indicate where a date is unknown.

Description and Usage

An element for expressing the single date of an event in the history of the person, corporate body or family being described, or in their relationship to, e.g., a name entry, a place, an occupation, another CPF entity, a resource, or a function.

The content of the element is intended to be a human-readable natural language date with a machine-readable date provided as the value of the @standardDate attribute, formulated according to ISO 8601 or another rule for encoding dates. Uncertain or approximate dates can be encoded in @standardDate using Extended Date/Time Format (EDTF).

If the event or relationship has inclusive dates use the <dateRange> element, while more complex dates (combining singles dates and date ranges) can be expressed in <dateSet>.

Dates of existence for the entity being described are encoded with the <existDates> element, while the dates of use of a particular name of an entity are encoded in <useDates>. The date and time of a maintenance event in the history of the EAC-CPF instance are given in the <eventDateTime> element.

Availability

Within <demographicDescription>, <function>, <legalStatus>, <localDescription>, <mandate>, <occupation>, <otherEntityType>, <place>, <relation>: one of <date>, <dateRange>, or <dateSet> optional, not repeatable

Within <chronItem>, <existDates> and <useDates>: one of <date>, <dateRange>, or <dateSet> required, not repeatable

Within <dateSet>: at least two of <date> and/or <dateRange> required, repeatable

Within <localControl>: one of <date> or <dateRange> optional, not repeatable

Examples

```
<date standardDate="1765-09-18">
  September 18, 1765
</date>
```

```
<date certainty="uncertain" standardDate="1968?">  
  c.1968  
</date>
```

[Table of Contents](#)

<dateRange>

<dateRange>

Date Range

Summary

A wrapper element for binding together <fromDate> and <toDate> in order to represent a range of dates. Either <fromDate> or <toDate> must be present within a <dateRange>, but it is recommended to use both child elements whenever possible.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
fromDate	0..1
toDate	0..1

May occur within

[chronItem](#), [dateSet](#), [demographicDescription](#), [existDates](#), [function](#), [legalStatus](#), [localControl](#), [localDescription](#), [mandate](#), [occupation](#), [otherEntityType](#), [place](#), [relation](#), [useDates](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Attribute usage

Use @localType to supply a more specific characterization of the date range.

Description and Usage

An element that expresses inclusive dates of an event in the history of, or a relationship with, the person, family, or corporate body being described in the EAC-CPF instance.

<dateRange> contains <fromDate> and/or <toDate>, and therefore may express a range of dates as a starting point with no end point, a start and end point, or an end point with no starting point. Either <fromDate> or <toDate> must be present within a <dateRange>, but it is recommended to use both child elements whenever possible.

The content of the children of <dateRange> is intended to be a human-readable, natural language expression of the dates. If, however, indexing or other machine processing of dates is desired, @standardDate should be used on the children of <dateRange> to record the date in machine-processable form as well.

Dates of existence for the identity being described are encoded with the <existDates> element, while the dates of use of a particular name of an identity are encoded in <useDates>. The date and time of a maintenance event in the history of the EAC-CPF instance are given in the <eventDateTime> element.

The prescribed order of all child elements (both required and optional) is:

<fromDate>

<toDate>

Availability

Within <demographicDescription>, <function>, <legalStatus>, <localDescription>, <mandate>, <occupation>, <otherEntityType>, <place>, <relation>: one of <date>, <dateRange>, or <dateSet> optional, not repeatable

Within <chronItem>, <existDates> and <useDates>: one of <date>, <dateRange>, or <dateSet> required, not repeatable

Within <dateSet>: at least two of <date> and/or <dateRange> required, repeatable

Within <localControl>: one of <date> or <dateRange> optional, not repeatable

Example

```
<dateRange>
  <fromDate standardDate="1765-08-18">
    September 18, 1765
  </fromDate>
  <toDate standardDate="1846-06-01">
    June 1, 1846
  </toDate>
</dateRange>
```

Table of Contents

< dateSet >

Date Set

Summary

A wrapper element for encoding complex dates that cannot be adequately represented in one <date> or <dateRange>.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
date or dateRange	2..n

May occur within

[chronItem](#), [demographicDescription](#), [existDates](#), [function](#), [legalStatus](#), [localDescription](#), [mandate](#), [occupation](#), [otherEntityType](#), [place](#), [relation](#), [useDates](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

<dateSet> binds together single dates and date ranges, multiple single dates, or multiple date ranges. <dateSet> is used in situations where complex date information needs to be conveyed and requires at least two child elements. These can be any combination of <date> and <dateRange>.

Availability

Within <demographicDescription>, <function>, <legalStatus>, <localDescription>, <mandate>, <occupation>, <otherEntityType>, <place>, <relation>: one of <date>, <dateRange>, or <dateSet> optional, not repeatable

Within <chronItem>, <existDates>, <useDates>: one of <date>, <dateRange>, or <dateSet> required, not repeatable

Example

```
<dateSet>
  <dateRange>
    <fromDate standardDate="1928-09">
      1928 settembre
    </fromDate>
    <toDate standardDate="1930-08">
      1930 autunno
    </toDate>
  </dateRange>
  <dateRange>
    <fromDate standardDate="1947">
      1947
    </fromDate>
    <toDate standardDate="1949">
      1949
    </toDate>
  </dateRange>
  <date>
    1950
  </date>
  <date standardDate="1951-10-27">
    27 of October 1951
  </date>
</dateSet>
```

[Table of Contents](#)

< demographicDescription >

Demographic Description

Summary

A required child element of < demographicDescriptions > that can be used to provide demographic information about the CPF entity being described.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
date or dateRange or dateSet	0..1
descriptiveNote	0..n
placeName	0..n
term	1..n

May occur within

demographicDescriptions

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Description and Usage

< demographicDescription > is a wrapper element used to encode an index term, using the required child element < term > .

Terms are used within `<demographicDescription>` to encode demographic information about the CPF entity being described. This could include, but is not limited to, nationality, gender, age group, or religion. They may be drawn from controlled vocabularies or may be natural language terms.

`<demographicDescription>` must include at least one `<term>` element.

`<term>` can be repeated within `<demographicDescription>` to include translations of the same term. Use the `@languageOfElement` attribute to identify the language used in each `<term>`.

Associated date(s) (`<date>`, `<dateRange>`, or `<dateSet>`) and place(s)

(`<placeName>`) may be included to further constrain the term's meaning. A

`<descriptiveNote>` may be included if a fuller textual explanation is needed.

The prescribed order of all child elements (both required and optional) is:

`<term>`

One of `<date>`, `<dateRange>`, or `<dateSet>`

`<placeName>`

`<descriptiveNote>`

Availability

Required, repeatable

Example

```
<demographicDescriptions>
  <demographicDescription localType="age"
    localTypeDeclarationReference="LTD_age">
    <term>
      Age 30 to 44
    </term>
  </demographicDescription>
  <demographicDescription localType="education"
    localTypeDeclarationReference="LTD_education">
    <term>
      Level 4 qualifications and above
    </term>
  </demographicDescription>
  <demographicDescription localType="income"
    localTypeDeclarationReference="LTD_maritalStatus">
    <term>
      In a registered same-sex civil partnership
    </term>
  </demographicDescription>
  <descriptiveNote>
    <p>
      As part of the Census 2011, various demographic variables have
      been evaluated. Among others, this included the age, the level of
      qualifications, and the marital status of the participants.
    </p>
  </descriptiveNote>
</demographicDescriptions>
```

```
</p>  
</descriptiveNote>  
</demographicDescriptions>
```

[Table of Contents](#)

< demographicDescriptions >

Demographic Descriptions

Summary

An optional child element of < description > used to group together one or more < demographicDescription > elements.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
demographicDescription	1..n
descriptiveNote	0..1

May occur within

description

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

Use the optional < demographicDescriptions > element to group together one or more occurrences of < demographicDescription > .
< demographicDescriptions > must include at least one < demographicDescription > element.

The prescribed order of all child elements (both required and optional) is:
 < demographicDescription >

 < descriptiveNote >

Availability

Optional, not repeatable

Example

```
<demographicDescriptions>
  <demographicDescription localType="age"
    localTypeDeclarationReference="LTD_age">
    <term>
      Age 30 to 44
    </term>
  </demographicDescription>
  <demographicDescription localType="education"
    localTypeDeclarationReference="LTD_education">
    <term>
      Level 4 qualifications and above
    </term>
  </demographicDescription>
  <demographicDescription localType="income"
    localTypeDeclarationReference="LTD_maritalStatus">
    <term>
      In a registered same-sex civil partnership
    </term>
  </demographicDescription>
  <descriptiveNote>
    <p>
      As part of the Census 2011, various demographic variables have
      been evaluated. Among others, this included the age, the level of
      qualifications, and the marital status of the participants.
    </p>
  </descriptiveNote>
</demographicDescriptions>
```

[Table of Contents](#)

<description>

Description

Summary

An optional child element of <cpfDescription>, <description> is a wrapper element for all of the content elements comprising descriptive information about the CPF entity.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
biogHist	0..n
demographicDescriptions	0..1
existDates	0..n
functions	0..1
generalContext	0..n
languagesUsed	0..1
legalStatuses	0..1
localDescriptions	0..1
mandates	0..1
occupations	0..1
places	0..1
structureOrGenealogy	0..n

May occur within

cpfDescription

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
base	Optional
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

The child elements that constitute <description> together permit descriptive information to be encoded in either structured or unstructured fashions, or in a combined approach. <description> accommodates the encoding of all the data elements that comprise the Description Area of ISAAR (CPF) including historical, biographical, and genealogical information; legal status and mandates; functions, occupations, and activities, and the dates and places that further constrain those elements.

The prescribed order of all child elements (both required and optional) is:

<demographicDescriptions>

<functions>

<languagesUsed>

<legalStatuses>

<localDescriptions>

<mandates>

<occupations>

<places>

Any of <biogHist>, <existDates>, <generalContext>, and <structureOrGenealogy>

Availability

Optional, not repeatable

Example

```
<description>
  <places>
    <place>
      <placeName vocabularySource="local" id="IDPlaceName1">
        East Side (Buffalo, N.Y.)
      </placeName>
      <geographicCoordinates coordinateSystem="WGS84">
        N 42°53'48" W 78°50'2"
      </geographicCoordinates>
    </place>
  </places>
  <functions>
```

```

    <function valueURI="http://vocab.getty.edu/page/aat/300055433"
    vocabularySource="aat" vocabularySourceURI="https://www.getty.edu/
research/tools/vocabularies/aat/">
      <term>
        community development
      </term>
      <placeName target="IDPlaceName1">
        East Side (Buffalo, N.Y.)
      </placeName>
      <descriptiveNote>
        <p>
          The organization's mission is to create programs to
          improve the quality of residential housing and develop projects to
          improve the East Side of Buffalo and Western New York.
        </p>
      </descriptiveNote>
    </function>
  </functions>
</description>

```

[Table of Contents](#)

< descriptiveNote >

Descriptive Note

Summary

An element used to provide general descriptive information related to its parent element.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
p	1..n

May occur within

[conventionDeclaration](#), [demographicDescription](#), [demographicDescriptions](#), [existDates](#), [function](#), [functions](#), [identity](#), [languageDeclaration](#), [languageUsed](#), [languagesUsed](#), [legalStatus](#), [legalStatuses](#), [localDescription](#), [localDescriptions](#), [localTypeDeclaration](#), [maintenanceAgency](#), [mandate](#), [mandates](#), [occupation](#), [occupations](#), [otherEntityType](#), [otherEntityTypes](#), [place](#), [places](#), [relation](#), [relations](#), [rightsDeclaration](#), [setComponent](#), [source](#), [sources](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

< descriptiveNote > provides additional descriptive information about the element in which it is contained. < descriptiveNote > must contain one or more < p > elements.

Availability

Optional, not repeatable

Example

```
<function valueURI="http://vocab.getty.edu/page/aat/300055433"
  vocabularySource="aat" vocabularySourceURI="https://www.getty.edu/
research/tools/vocabularies/aat/">
  <term>
    community development
  </term>
  <placeName target="IDPlaceName1">
    East Side (Buffalo, N.Y.)
  </placeName>
  <descriptiveNote>
    <p>
      The organization's mission is to create programs to improve
      the quality of residential housing and develop projects to improve
      the East Side of Buffalo and Western New York.
    </p>
  </descriptiveNote>
</function>
```

[Table of Contents](#)

< eac >

Encoded Archival Context - Corporate Bodies, Persons, and Families

Summary

The required root element of an EAC-CPF instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
control	1..1
cpfDescription or multipleIdentities	1..1

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
base	Optional
id	Optional
languageOfElement	Optional
scriptOfElement	Optional

Description and Usage

< eac > wraps all other elements in a particular instance of an archival authority record encoded with the EAC-CPF XML Schema.

< eac > must contain < control > followed by either a < cpfDescription > or a < multipleIdentities > element.

In order to validate an EAC-CPF instance, it is highly recommended to include according information about the EAC-CPF namespace and the EAC-CPF schema location.

Availability

Required, not repeatable

Examples

```
<eac audience="external">
```

```
<control countryEncoding="iso3166-1" dateEncoding="iso8601"
detailLevel="extended" languageEncoding="ietf-bcp-47"
repositoryEncoding="iso15511" scriptEncoding="iso15924"> [...] </
control>
  <cpfDescription> [...] </cpfDescription>
</eac>
```

```
<eac>
  <control countryEncoding="iso3166-1" dateEncoding="iso8601"
detailLevel="basic" languageEncoding="iso639-2b"
repositoryEncoding="iso15511" scriptEncoding="iso15924"> [...] </
control>
  <multipleIdentities>
    <cpfDescription> [...] </cpfDescription>
    <cpfDescription> [...] </cpfDescription>
  </multipleIdentities>
</eac>
```

[Table of Contents](#)

< entityType >

Entity Type

Summary

A required child element of < identity > encoding the type of CPF entity being described.

May contain

Element/content type
[empty]

Occurrences

May occur within

[identity](#)

Attributes

Attribute name
[audience](#)

[id](#)
[target](#)
[value](#)

Attribute values
Optional (values limited to: external, internal)
Optional
Optional
Required (values limited to: corporate-Body, family, person)

Attribute usage

Use the required @value attribute with one of the values "corporateBody", "family", or "person" to identify the type of entity.

Description and Usage

Within < identity > the required < entityType > element specifies the type of CPF entity being described in the EAC-CPF instance as being a corporate body, family or person.

Availability

Required, not repeatable

See also

Use `<otherEntityType>` to encode additional or alternative entity types, such as a translation or a specification of the default entity types.

Examples

```
<identity>
  <entityType value="corporateBody"/>
  <nameEntry status="authorized">
    <part localType="https://d-nb.info/standards/
elementset/gnd#preferredNameForTheCorporateBody"
localTypeDeclarationReference="MARC21">
      Preußische Staatsbibliothek
    </part>
  </nameEntry>
</identity>
```

```
<identity>
  <entityType value="person"/>
  <nameEntry status="authorized">
    <part localType="https://d-nb.info/standards/elementset/
gnd#personalName" localTypeDeclarationReference="GND0">
      Arendt, Hannah
    </part>
    <part localType="https://d-nb.info/standards/elementset/
gnd#dateOfBirthAndDeath" localTypeDeclarationReference="GND0">
      1906-1975
    </part>
  </nameEntry>
</identity>
```

```
<identity>
  <entityType value="family"/>
  <nameEntry status="authorized">
    <part localType="100$a">
      Mozart
    </part>
    <part localType="100$c">
      Familie : 17.-19. Jh.
    </part>
  </nameEntry>
</identity>
```

[Table of Contents](#)

< event >

Event

Summary

A child element of <chronItem> or <chronItemSet> that is used to encode an event associated with a date, and optionally a place, within a structured chronology.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	
reference	0..n
span	0..n

May occur within

[chronItem](#), [chronItemSet](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Description and Usage

<event> contains discursive text identifying the event described by the <chronItem> or <chronItemSet>. <chronItem> must include one of either

<event> or <chronItemSet>. <chronItemSet> must include one or more <event> elements.

Every <event> must have date(s) (<date>, <dateRange>, or <dateSet>) associated with it. It may also have optional <place> element associated with it.

Availability

Within <chronItem>: One of <chronItemSet> or <event> required, not repeatable.

Within <chronItemSet>: required, repeatable.

Example

```
<chronList>
  <chronItem>
    <dateRange>
      <fromDate standardDate="1944">
        1944
      </fromDate>
      <toDate standardDate="1947">
        1947
      </toDate>
    </dateRange>
    <event>
      Summer employment at Minnesota Valley Canning Co.
    </event>
    <place>
      <placeName>
        Blue Earth (Minn.)
      </placeName>
    </place>
  </chronItem>
  <chronItem>
    <dateRange>
      <fromDate standardDate="1946">
        1946
      </fromDate>
      <toDate standardDate="1948">
        1948
      </toDate>
    </dateRange>
    <event>
      Macalester College
    </event>
    <place>
      <placeName>
        St. Paul (Minn.)
      </placeName>
    </place>
  </chronItem>
  <chronItem>
    <date standardDate="1948">
```



```
1948
</date>
<event>
    Campaign Manager, 2nd District, State Democratic-Farmer-Labor
    Central Committee. Report to Orville Freeman.
</event>
</chronItem>
</chronList>
```

[Table of Contents](#)

<eventDateTime>

Maintenance Event Date and Time

Summary

A required child element of <maintenanceEvent> that records the date and time of a specific maintenance action for an EAS instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

[maintenanceEvent](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
id	Optional
languageOfElement	Optional
scriptOfElement	Optional
standardDateTime	Optional
target	Optional

Attribute usage

Use @standardDateTime to provide a machine-processable expression of the date or date and time, formulated according to the ISO 8601 standard.

Description and Usage

A required child element of <maintenanceEvent>, <eventDateTime> is for recording the date and time that a maintenance event occurred. Examples of maintenance events include the creation, update, revision, or other modification to an EAS instance.

The date and time may be captured in natural language in the element. It is highly recommended to provide at least a human-readable date in <eventDateTime> directly or a machine-processable date in @standardDateTime, in case it is not possible to provide both.

Availability

Required, not repeatable

Examples

```
<maintenanceEvent maintenanceEventType="revised">  
  <agent agentType="unknown"/>  
  <eventDateTime standardDateTime="2021-11-27"/>  
</maintenanceEvent>
```

```
<maintenanceEvent maintenanceEventType="updated">  
  <agent agentType="human">  
    K. Bredenberg  
  </agent>  
  <eventDateTime>  
    December 2021  
  </eventDateTime>  
</maintenanceEvent>
```

[Table of Contents](#)

<eventDescription>

Maintenance Event Description

Summary

An optional child element of <maintenanceEvent> that provides the description of a maintenance event in the life of the EAS instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	
reference	0..n
span	0..n

May occur within

[maintenanceEvent](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
id	Optional
languageOfElement	Optional
scriptOfElement	Optional
target	Optional

Description and Usage

A child element of <maintenanceEvent> used for describing the maintenance event. The element allows a full description of the maintenance event to be given alongside information about the maintenance agent, and the type, time and date of the maintenance event.

Availability

Optional, repeatable

Example

```
<maintenanceEvent maintenanceEventType="derived">
  <agent agentType="machine">
    XSLT ead2cpf.xsl/Saxon B9
  </agent>
  <eventDateTime standardDateTime="2009-08-30T09:37:17.029-04:00"/>
  <eventDescription>
    Derived from EAD instance.
  </eventDescription>
</maintenanceEvent>
```

[Table of Contents](#)

< existDates >

Dates of Existence

Summary

An optional element within <description> used for encoding the dates of existence of the CPF entity being described, such as dates of establishment and dissolution for corporate bodies and dates of birth and death or floruit for persons.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
date or dateRange or dateSet	1..1
descriptiveNote	0..1

May occur within

[description](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

The dates of existence of the CPF entity being described, such as dates of establishment and dissolution for corporate bodies and dates of birth and death or floruit for persons.

< existDates > must contain one of < date >, < dateRange >, or < dateSet > .

These child elements may contain actual or approximate dates. A

<descriptiveNote> may be included if a fuller explanation of the dates of existence is needed.

Use the <date> element to record the date of a single event, such as a date of birth or date of incorporation. Use <dateRange> to encode a pair of inclusive dates. Use <dateSet> to encode more complex date expressions that intermix <date> and <dateRange> elements.

The prescribed order of all child elements (both required and optional) is:

One of <date>, <dateRange>, or <dateSet>

<descriptiveNote>

Availability

Optional, repeatable

See also

Do not confuse with <useDates>, which is a child element of <nameEntry> or <nameEntrySet> and represents the dates of use for a particular name or set of names.

Example

```
<existDates>
  <dateRange>
    <fromDate standardDate="1868">
      1868
    </fromDate>
    <toDate standardDate="1936">
      1936
    </toDate>
  </dateRange>
  <descriptiveNote>
    <p>
      The company was in business these years
    </p>
  </descriptiveNote>
</existDates>
```

[Table of Contents](#)

< fromDate >

From Date

Summary

A child element of < dateRange > that records the starting point in a range of dates.

May contain

Element/content type
[text]

Occurrences

May occur within

[dateRange](#)

Attributes

Attribute name

[audience](#)

[calendar](#)

[certainty](#)

[conventionDeclarationReference](#)

[era](#)

[id](#)

[languageOfElement](#)

[localType](#)

[localTypeDeclarationReference](#)

[maintenanceEventReference](#)

[notAfter](#)

[notBefore](#)

[scriptOfElement](#)

[standardDate](#)

[status](#)

[sourceReference](#)

[target](#)

Attribute values

Optional (values limited to: external, internal)

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional (values limited to: unknown)

Optional

Optional

Attribute usage

Use @certainty to indicate the degree of precision in the dating, for example, "uncertain" or "approximate".

Use @localType to supply a more specific characterization of the start date.
Use @notAfter and @notBefore to capture the latest and earliest possible dates in machine-processable form in cases when the date is uncertain.
Use @standardDate to provide a machine-processable form of the date.
Use @status with the value "unknown" to indicate where the start of a date range is unknown.

Description and Usage

Use <fromDate> to record the beginning date in a range of dates.
<fromDate> may contain actual, approximate or unknown dates. The content of the element is intended to be a human-readable, natural language expression of the date. If, however, indexing or other machine processing of dates is desired, the @standardDate should be used to record the date in machine-processable form as well. If the <fromDate> is not known, it may be omitted from <dateRange>, or the @status attribute used.

Availability

Optional, not repeatable

See also

Use <toDate> to record the ending point of a date range.

Examples

```
<dateRange>
  <fromDate standardDate="1868">
    1868
  </fromDate>
  <toDate standardDate="1936">
    1936
  </toDate>
</dateRange>
```

```
<dateRange>
  <fromDate status="unknown"/>
  <toDate certainty="uncertain" standardDate="2010?">
    c.2010
  </toDate>
</dateRange>
```

[Table of Contents](#)

<function>

Function

Summary

A required child element of <functions> that provides information about a function, activity, process, role, or purpose.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
date or dateRange or dateSet	0..1
descriptiveNote	0..1
placeName	0..n
term	1..n

May occur within

[functions](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Description and Usage

A <function> element is a wrapper element used to encode an index term, using the required child element <term>. Terms are used to identify the functions, processes, activities, tasks, or transactions performed by the CPF

entity. They may be drawn from controlled vocabularies or may be natural language terms.

<function> must include at least one <term> element. <term> can be repeated within <function> to include translations of the same function. Use the @languageOfElement attribute to identify the language used in each <term>.

Associated date(s) (<date>, <dateRange>, or <dateSet>) and place(s) (<placeName>) may be included to further constrain the term's meaning. A <descriptiveNote> may be included if a fuller textual explanation is needed. The prescribed order of all child elements (both required and optional) is:

<term>

One of <date>, <dateRange>, or <dateSet>

<placeName>

<descriptiveNote>

Availability

Required, repeatable

See also

Use <relation> with <targetEntity> having the @targetType "function" when describing the relationship with the function in more detail.

Examples

```
<function>
  <term>
    Estate ownership
  </term>
  <descriptiveNote>
    <p>
      Social, political, and cultural role typical of landed
      aristocracy in England. The first Viscount Campden amassed a
      large fortune in trade in London and purchased extensive estates,
      including Exton (Rutland), and Chipping Campden (Gloucestershire).
      The Barham Court (Kent) estate was the acquisition of the first
      Baron Barham, a successful admiral and naval administrator (First
      Lord of the Admiralty 1805).
    </p>
  </descriptiveNote>
</function>
```

[Table of Contents](#)

< functions >

Functions

Summary

An optional child element used for grouping together one or more <function> elements.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
descriptiveNote	0..1
function	1..n

May occur within

[description](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

Use the optional <functions> element to group together one or more occurrences of <function>. <functions> must include at least one <function> element.

The prescribed order of all child elements (both required and optional) is:

<function>

<descriptiveNote>

Availability

Optional, not repeatable

Example

```
<functions>
  <function>
    <term>
      Industrial or Scientific Research
    </term>
  </function>
  <function>
    <term>
      Analytical Services
    </term>
  </function>
  <function>
    <term>
      Advisory or Regulatory Body
    </term>
  </function>
</functions>
```

[Table of Contents](#)

< generalContext >

General Context

Summary

An optional child element of <description> that encodes information about the general social and cultural context of the CPF entity being described.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
head	0..1
list	0..n
p	0..n

May occur within

[description](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

< generalContext > encodes information about the social, cultural, economic, political, and/or historical context in which the CPF entity being described existed. The general context provides wide latitude to record contextual information not specifically accommodated by other elements contained in <description>.

The optional <list> element may be used to accommodate greater complexity in expressing or representing the general context being described. The

optional `<head>` element may be used to encode a title or caption. A simpler discursive expression of the general context may be encoded as one or more `<p>` elements.

The prescribed order of all child elements (both required and optional) is:

`<head>`

Any of `<list>` and `<p>`

Availability

Optional, repeatable

Example

```
<generalContext>
  <p>
    In September 2017, the American Museum of Natural History
    announced a multi-year project to update, restore, and conserve
    the Northwest Coast Hall. In October 2018, renowned Nuu-chah-nulth
    artist and cultural historian Haa'yuups was named co-curator,
    along with AMNH Division of Anthropology Curator of North American
    Ethnology Curator Peter Whiteley, in the restoration of the hall.
  </p>
</generalContext>
```

[Table of Contents](#)

< geographicCoordinates >

Geographic Coordinates

Summary

An optional child element of <place> that encodes a set of geographic coordinates.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

place

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
coordinateSystem	Required
id	Optional
languageOfElement	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Attribute usage

Use the required @coordinateSystem attribute to provide a commonly used code for the system used to express the coordinates. Examples include WGS84, OSGB36, ED50.

Description and Usage

Use <geographicCoordinates> to express a set of geographic coordinates such as latitude, longitude, and altitude representing a point, line, or area on the surface of the earth.

It is recommended that the values included in `<geographicCoordinates>` are based on a commonly used system for expressing geographic coordinates. At least one of `<geographicCoordinates>`, `<placeName>`, `<placeRole>`, `<address>`, or `<contact>` is required within `<place>`.

Availability

Optional, repeatable

Example

```
<places>
  <place>
    <geographicCoordinates coordinateSystem="mgrs">
      33UUU9029819737
    </geographicCoordinates>
    <placeName>
      Berlin, Germany
    </placeName>
  </place>
  <place>
    <placeName localType="place">
      Clear Spring
    </placeName>
    <placeName localType="state">
      Maryland
    </placeName>
    <geographicCoordinates coordinateSystem="UTM">
      18S 248556mE 4393694mN
    </geographicCoordinates>
  </place>
  <place>
    <placeName localType="place">
      Hardeeville
    </placeName>
    <placeName localType="state">
      South Carolina
    </placeName>
    <geographicCoordinates coordinateSystem="WGS84">
      -81.1, 32.2, -81.0, 32.3
    </geographicCoordinates>
  </place>
</places>
```

[Table of Contents](#)

< head >

Heading

Summary

An element that encodes a title or caption for a section of text.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	
span	0..n

May occur within

[biogHist](#), [generalContext](#), [list](#), [structureOrGenealogy](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

< head > is used for supplying title-like statements to a section of text or a list. When < head > is used, it must be the first child element, followed by one or more other elements.

Availability

Optional, not repeatable

Examples

```
<list listType="unordered">
  <head>
    List of ministers of May Memorial Unitarian Universalist
    Church
  </head>
  <item>
    John Storer, Minister 1839-1844
  </item>
  <item>
    Samuel Joseph May, Minister 1845-1868
  </item>
  <item>
    Samuel R. Calthrop, Minister 1868-1911
  </item>
  <item>
    John H. Applebee, Minister 1911-1929
  </item>
  <item>
    Waldemar W. Argow, Minister 1930-1941
  </item>
  <item>
    Robert E. Romig, Minister 1941-1946
  </item>
  <item>
    Glenn O. Canfield, Minister 1946-1952
  </item>
  <item>
    John Fuller, Minister, 1961-1973
  </item>
</list>
```

[Table of Contents](#)

<identity>

Identity

Summary

A required child element of <cpfDescription> used to encode the name or names related to the identity being described within the EAC-CPF instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
descriptiveNote	0..1
entityType	1..1
identityId	0..n
nameEntry or nameEntrySet	1..n
otherEntityTypes	0..n

May occur within

[cpfDescription](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
base	Optional
conventionDeclarationReference	Optional
id	Optional
identityType	Optional (values limited to: acquired, given)
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

<identity> is a wrapper element used to group the elements necessary to encode the name or names related to the identity of the CPF entity within the <cpfDescription> element.

The required child element <entityType> specifies the type of entity (i.e., corporate body, family, or person). The optional <otherEntityTypes> element can be used to encode other entity types used in the local context. An optional <identityId> is available for any identifiers associated with the CPF entity. One or more <nameEntry> elements and/or one or more <nameEntrySet> elements must be included. All names by which the identity being described within one <cpfDescription> element is known are provided within <identity>. Each of the names, whether authorized or alternatives, should be recorded in a separate <nameEntry> element.

<identity> may accommodate two or more parallel names in different languages or scripts. In countries where there is more than one official language, such as Canada or Switzerland, names of CPF entities are frequently provided in more than one language. Within <identity>, a <nameEntrySet> element should be used to group two or more <nameEntry> elements that represent parallel forms of the name of the CPF entity being described. Within <identity>, a <descriptiveNote> element may be used to record other information in a textual form that assists in the identification of the CPF entity.

In case of multiple identities of the same entity in one EAC-CPF instance, such that multiple <cpfDescription> elements are used, a separate <identity> element is contained in each of the <cpfDescription> elements of the EAC-CPF instance.

The prescribed order of all child elements (both required and optional) is:

- <entityType>
- <nameEntry> and/or <nameEntrySet>
- <otherEntityTypes>
- <identityId>
- <descriptiveNote>

Availability

Required, not repeatable

Example

```
<identity>
  <entityType value="person"/>
  <nameEntry>
    <part localType="familyname">
```

```
        Hill
      </part>
      <part localType="givenname">
        Dorothy
      </part>
    </nameEntry>
  </identity>
```

[Table of Contents](#)

< identityId >

Identity Identifier

Summary

An optional child element of < identity > used to record any identifier associated with the CPF entity being described.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

[identity](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Description and Usage

< identityId > may be used to record any identifier associated with the CPF entity being described in the EAS instance. Identifiers such as legal identifiers, typically assigned by an authoritative agency, may be recorded in this element. If multiple identifiers are recorded, each should be in its own < identityID > .

Availability

Optional, repeatable

See also

Do not confuse with `<recordId>` within `<control>`, which refers to an identifier for the EAS instance rather than the entity it describes.

Example

```
<localTypeDeclaration id="localTypeDeclaration1"
  vocabularySource="SwedishRegistrationCodeVocabulary">
  <reference href="https://link.to.source">
    The Swedish vocabulary for identification codes
  </reference>
</localTypeDeclaration>

<identityId localType="RegistrationCode"
  localTypeDeclarationReference="localTypeDeclaration1">
  222000-3103
</identityId>
<identityId localType="VATRegistrationCode"
  localTypeDeclarationReference="localTypeDeclaration1">
  SE222000310301
</identityId>
<identityId localType="EInvoiceID"
  localTypeDeclarationReference="localTypeDeclaration1">
  2220003103
</identityId>
```

[Table of Contents](#)

< item >

Item

Summary

A child element of <list> that encodes the individual items in a list.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	
reference	0..n
span	0..n

May occur within

[list](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

The <item> element is used for general lists within descriptive elements.

Availability

Optional, repeatable

See also

Do not confuse with `<chronItem>`, which encodes entries within a structured chronology (`<chronList>`).

Example

```
<list>
  <item><span style="font-style:italic">1450-1950</span>(1929)</item>
  <item><span style="font-style:italic">Globe Gliding</span>
    (1930)</item>
  <item><span style="font-style:italic">Gems</span> (1931) </item>
  <item><span style="font-style:italic">Words</span> (1931)</item>
  <item><span style="font-style:italic">Demonics</span> (1931)</item>
  <item><span style="font-style:italic">Can We Co-operate</span>
    (1942)</item>
  <item><span style="font-style:italic">Amazing Amazon</span>
    (1942) </item>
</list>
```

[Table of Contents](#)

< language >

Language

Summary

An element that identifies the language or communication system used by the entity or in the materials described.

May contain

Element/content type
[text]

Occurrences

May occur within

languageUsed

Attributes

Attribute name

audience

conventionDeclarationReference

id

languageCode

languageOfElement

maintenanceEventReference

scriptOfElement

sourceReference

target

Attribute values

Optional (values limited to: external, internal)

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Attribute usage

Use @languageCode to provide a code for the language itself.

Use @languageOfElement to provide a code for the language in which the element is given.

Description and Usage

An optional element within < languageUsed > that gives the language or languages used by the records or entity being described.

Availability

Optional, repeatable

See also

Use `<writingSystem>` to specify, in a human-readable form, the script corresponding to the language.

Example

```
<languageUsed>
  <language languageCode="eng">
    English
  </language>
  <writingSystem scriptCode="Latn">
    Latin
  </writingSystem>
</languageUsed>
```

[Table of Contents](#)

< languageDeclaration >

Language Declaration

Summary

An optional child element of < control > that indicates the language and script in which an EAS instance is written.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
descriptiveNote	0..1

May occur within

[control](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
id	Optional
languageCode	Required
languageOfElement	Optional
scriptCode	Optional
scriptOfElement	Optional
target	Optional

Attribute usage

Use the required @languageCode to provide a code for the language used in the EAS instance.

Use @languageOfElement to provide a code for the language in which the < languageDeclaration > element is given.

Use @scriptCode to provide a code for the writing system used in the EAS instance.

Use @scriptOfElement to provide a code for the writing system in which the < languageDeclaration > element is given.

Description and Usage

An optional child element of `<control>` that declares the languages and scripts in which an EAS instance is written in the `@languageCode` and `@scriptCode` attributes. Any comments about the languages and scripts in which the EAS instance is written may be included in the optional `<descriptiveNote>` element.

Availability

Optional, repeatable

Example

```
<languageDeclaration languageCode="ger" scriptCode="Latn"/>
```

[Table of Contents](#)

<languageUsed>

Language Used

Summary

A required child element of <languagesUsed> describing the language and writing system used by the CPF entity being described.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
descriptiveNote	0..1
language	0..n
writingSystem	0..n

May occur within

[languagesUsed](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

<languageUsed> is an element used to indicate the language and writing system, or script, in which the CPF entity being described was creative or productive. Use the <language> element to specify the language and a corresponding <writingSystem> element for the writing system.

The prescribed order of all child elements (both required and optional) is:

<language> and/or <writingSystem>

< descriptiveNote >

Availability

Required, repeatable

See also

Do not confuse with < languageDeclaration > which refers to the language and script of the EAC-CPF instance.

Example

```
<languagesUsed>
  <languageUsed>
    <language languageCode="eng">
      English
    </language>
    <writingSystem scriptCode="Latn">
      Latin
    </writingSystem>
  </languageUsed>
  <languageUsed>
    <language languageCode="gre">
      Greek, Modern (1453-)
    </language>
    <writingSystem scriptCode="Grek">
      Greek
    </writingSystem>
  </languageUsed>
</languagesUsed>
```

[Table of Contents](#)

< languagesUsed >

Languages Used

Summary

An optional child element of < description > used for grouping together one or more < languageUsed > elements.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
descriptiveNote	0..1
languageUsed	1..n

May occur within

[description](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

Use the optional < languagesUsed > element to group together one or more occurrences of < languageUsed >. < languagesUsed > must include at least one < languageUsed > element.

The prescribed order of all child elements (both required and optional) is:

< languageUsed >

< descriptiveNote >

Availability

Optional, not repeatable

Example

```
<languagesUsed>
  <languageUsed>
    <language languageCode="eng">
      English
    </language>
    <writingSystem scriptCode="Latn">
      Latin
    </writingSystem>
  </languageUsed>
  <languageUsed>
    <language languageCode="spa">
      Spanish
    </language>
    <writingSystem scriptCode="Latn">
      Latin
    </writingSystem>
  </languageUsed>
</languagesUsed>
```

[Table of Contents](#)

< legalStatus >

Legal Status

Summary

A required child element of < legalStatuses > used to encode information about the legal status of a corporate body.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
date or dateRange or dateSet	0..1
descriptiveNote	0..1
placeName	0..n
term	1..n

May occur within

[legalStatuses](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Description and Usage

The legal status is typically defined and granted by authorities or through authorized agencies. Enter terms in accordance with provisions of the

controlling legislation. Terms may be drawn from controlled vocabularies or may be natural language terms.

<legalStatus> must include at least one <term> element, where the legal status is encoded. <term> can be repeated within <legalStatus> to include translations of the same term. Use the @languageOfElement attribute to identify the language used in each <term>.

Associated date(s) (<date>, <dateRange>, or <dateSet>) and place(s) (<placeName>) may be included to further constrain the term's meaning. A <descriptiveNote> element may be included if a fuller textual explanation is needed.

Multiple <legalStatus> elements may be grouped within a <legalStatuses> element.

The prescribed order of all child elements (both required and optional) is:

<term>

One of <date>, <dateRange>, or <dateSet>

<placeName>

<descriptiveNote>

Availability

Required, repeatable

Examples

```
<legalStatus>
  <term>
    Department of State
  </term>
</legalStatus>
```

```
<legalStatus>
  <term>
    Organismo de la Administracion Central del Estado
  </term>
  <date standardDate="1769">
    1769
  </date>
</legalStatus>
```

[Table of Contents](#)

< legalStatuses >

Legal Statuses

Summary

An optional child element of < description > used to bundle together one or more < legalStatus > element.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
descriptiveNote	0..1
legalStatus	1..n

May occur within

[description](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

< legalStatuses > groups together one or more occurrences of < legalStatus > .

< legalStatuses > must include at least one < legalStatus > element.

The prescribed order of all child elements (both required and optional) is:

< legalStatus >

< descriptiveNote >

Availability

Optional, not repeatable

Examples

```
<legalStatuses>
  <legalStatus>
    <term>
      Private limited liability company
    </term>
    <dateRange>
      <fromDate standardDate="1941">
        1941
      </fromDate>
      <toDate standardDate="1948">
        1948
      </toDate>
    </dateRange>
  </legalStatus>
  <legalStatus>
    <term>
      Public limited liability company
    </term>
    <dateRange>
      <fromDate standardDate="1948">
        1948
      </fromDate>
      <toDate standardDate="2006">
        2006
      </toDate>
    </dateRange>
  </legalStatus>
  <legalStatus>
    <term>
      Private limited liability company
    </term>
    <dateRange>
      <fromDate standardDate="2006">
        2006
      </fromDate>
      <toDate standardDate="2008">
        2008
      </toDate>
    </dateRange>
  </legalStatus>
</legalStatuses>
```

```
<legalStatuses>
  <legalStatus>
    <term>
      EPIC
    </term>
```

```

<dateRange>
  <fromDate notBefore="1946-04">
    avril 1946
  </fromDate>
  <toDate notAfter="2004-11">
    novembre 2004
  </toDate>
</dateRange>
<descriptiveNote>
  <p>
    Établissement public à caractère industriel et commercial
  </p>
</descriptiveNote>
</legalStatus>
<legalStatus>
  <term>
    SA
  </term>
  <dateRange>
    <fromDate notBefore="2004-11">
      novembre 2004
    </fromDate>
  </dateRange>
  <descriptiveNote>
    <p>
      Société anonyme à capitaux publics
    </p>
  </descriptiveNote>
</legalStatus>
</legalStatuses>

```

[Table of Contents](#)

<list>

List**Summary**

A wrapper element used to encode a simple list consisting of one or more <item> elements, or a complex list with one or more child <list> elements.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
head	0..1
item	0..n
list	0..n

May occur within

[biogHist](#), [generalContext](#), [structureOrGenealogy](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
listType	Optional (values limited to: ordered, unordered)
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
style	Optional
sourceReference	Optional
target	Optional

Attribute usage

Use @listType to identify and format the list as a particular type. The choices are: "ordered," and "unordered."

Use @style to define the list type by entering a CSS list-style-type.

Description and Usage

The `<list>` element is used for general lists that can be embedded with a large number of descriptive elements.

To encode a simple list, include one or more `<item>` elements within `<list>`. To encode more complex lists, such as hierarchies, additional `<list>` elements can be nested within `<list>`. `<head>` can be used to encode a title or caption within a `<list>`.

The prescribed order of all child elements (both required and optional) is:

`<head>`

One or both of `<list>` and `<item>`

Availability

Optional, repeatable

See also

Do not confuse with `<chronList>`, which encodes a structured chronology.

Example

```
<list listType="unordered">
  <head>
    List of ministers of May Memorial Unitarian Universalist
    Church
  </head>
  <item>
    John Storer, Minister 1839-1844
  </item>
  <item>
    Samuel Joseph May, Minister 1845-1868
  </item>
  <item>
    Samuel R. Calthrop, Minister 1868-1911
  </item>
  <item>
    John H. Applebee, Minister 1911-1929
  </item>
  <item>
    Waldemar W. Argow, Minister 1930-1941
  </item>
  <item>
    Robert E. Romig, Minister 1941-1946
  </item>
  <item>
    Glenn O. Canfield, Minister 1946-1952
  </item>
  <item>
```

```
John Fuller, Minister, 1961-1973
</item>
</list>
```

[Table of Contents](#)

<localControl>

Local Control

Summary

An optional child element of <control>, used to specify any control information necessary to accommodate local practice.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
date or dateRange	0..1
term	1..n

May occur within

[control](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
scriptOfElement	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Attribute usage

Use @localType if local practice requires recording the type of entry.

Description and Usage

An element used to record and define any control information necessary to accommodate local practice, in addition to the elements otherwise made available within <control>.

The value of the entry must be given in a child `<term>` element and an associated date or range of dates can be given as either `<date>` or `<dateRange>`.

The prescribed order of all child elements (both required and optional) is:

`<term>`

`<date>` or `<dateRange>`

Availability

Optional, repeatable

Example

No example has been provided for `<gi>localControl</gi>`. If you have any examples or use cases, please send them to TS-EAS.

[Table of Contents](#)

< localDescription >

Local Description

Summary

A required child element of < localDescriptions > used to extend the descriptive categories to others available in a local system.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
date or dateRange or dateSet	0..1
descriptiveNote	0..1
placeName	0..n
term	1..n

May occur within

[localDescriptions](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Description and Usage

< localDescription > provides a means to extend the list of description elements specified in the EAC-CPF schema. It should be used to record structured index terms rather than discursive text. The < localDescription >

element should be used whenever a separate semantic process of the descriptive information is required in a local system that cannot be accommodated by the existing categories available in EAC-CPF.

<localDescription> must contain at least one <term> child element. Terms may be drawn from controlled vocabularies or may be natural language terms. Associated date(s) (<date>, <dateRange>, or <dateSet>) and place(s) (<placeName>) may be included to further constrain the term's meaning. A <descriptiveNote> may be included if a fuller textual explanation is needed. The prescribed order of all child elements (both required and optional) is:

<term>

One of <date>, <dateRange>, or <dateSet>

<placeName>

<descriptiveNote>

Availability

Required, repeatable

Example

```
<localDescriptions>
  <localDescription localType="https://d-nb.info/standards/
elementset/gnd#academicDegree" localTypeDeclarationReference="GND0">
    <term>
      Prof. Dr.
    </term>
  </localDescription>
  <localDescription localType="https://d-nb.info/
standards/elementset/gnd#gndSubjectCategory"
  localTypeDeclarationReference="GND0" valueURI="https://d-nb.info/
standards/vocab/gnd/gnd-sc.html#4.7p" vocabularySource="GND"
  vocabularySourceURI="https://d-nb.info/standards/vocab/gnd/gnd-
sc.html#">
    <term>
      Personen zu Philosophie
    </term>
  </localDescription>
  <localDescription localType="https://d-nb.info/
standards/elementset/gnd#gndSubjectCategory"
  localTypeDeclarationReference="GND0" valueURI="https://d-nb.info/
standards/vocab/gnd/gnd-sc.html#8.1p" vocabularySource="GND"
  vocabularySourceURI="https://d-nb.info/standards/vocab/gnd/gnd-
sc.html#">
    <term>
      Personen (Politologen, Staatstheoretiker)
    </term>
  </localDescription>
```

```
<localDescription localType="https://d-nb.info/
standards/elementset/gnd#gndSubjectCategory"
  localTypeDeclarationReference="GND0" valueURI="https://d-nb.info/
standards/vocab/gnd/gnd-sc.html#9.5p" vocabularySource="GND"
  vocabularySourceURI="https://d-nb.info/standards/vocab/gnd/gnd-
sc.html#">
  <term>
    Personen zu Soziologie, Gesellschaft, Arbeit, Sozialgeschichte
  </term>
</localDescription>
</localDescriptions>
```

[Table of Contents](#)

<localDescriptions>

Local Descriptions

Summary

An optional child element of <description> used for grouping together one or more <localDescription> elements.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
descriptiveNote	0..1
localDescription	1..n

May occur within

[description](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

Use the optional <localDescriptions> element to group together one or more occurrences of <localDescription>. <localDescriptions> must include at least one <localDescription> element.

The prescribed order of all child elements (both required and optional) is:

<localDescription>

<descriptiveNote>

Availability

Optional, not repeatable

Example

```
<localDescriptions>
  <localDescription localType="https://d-nb.info/
standards/elementset/gnd#geographicAreaCode"
  localTypeDeclarationReference="GNDO" valueURI="https://d-
nb.info/standards/vocab/gnd/geographic-area-code#XA-DXDE"
  vocabularySource="GND" vocabularySourceURI="https://d-nb.info/
standards/vocab/gnd/geographic-area-code#">
    <term>
      Deutsches Reich
    </term>
  </localDescription>
  <localDescription localType="https://d-nb.info/
standards/elementset/gnd#geographicAreaCode"
  localTypeDeclarationReference="GNDO" valueURI="https://d-
nb.info/standards/vocab/gnd/geographic-area-code#XA-DE-BE"
  vocabularySource="GND" vocabularySourceURI="https://d-nb.info/
standards/vocab/gnd/geographic-area-code#">
    <term>
      Berlin
    </term>
  </localDescription>
  <localDescription localType="https://d-nb.info/
standards/elementset/gnd#broaderTermInstantial"
  localTypeDeclarationReference="GNDO" valueURI="https://d-nb.info/
gnd/4066573-2" vocabularySource="GND" vocabularySourceURI="https://
d-nb.info/gnd/">
    <term>
      Wissenschaftliche Bibliothek
    </term>
  </localDescription>
  <localDescription localType="https://d-nb.info/
standards/elementset/gnd#gndSubjectCategory"
  localTypeDeclarationReference="GNDO" valueURI="https://d-nb.info/
standards/vocab/gnd/gnd-sc.html#6.7" vocabularySource="GND"
  vocabularySourceURI="https://d-nb.info/standards/vocab/gnd/gnd-
sc.html#">
    <term>
      Bibliothek, Information und Dokumentation
    </term>
  </localDescription>
</localDescriptions>
```

[Table of Contents](#)

<localTypeDeclaration>

Local Type Declaration

Summary

An optional child element of <control> used to declare any local conventions or controlled vocabularies used in @localType in the EAS instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
descriptiveNote	0..1
reference	1..1
shortCode	0..1

May occur within

[control](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
id	Optional
languageOfElement	Optional
scriptOfElement	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Description and Usage

<localTypeDeclaration> specifies the local conventions and controlled vocabularies used in @localType attributes in the EAS instance. The child <reference> must be used to cite the resource that lists the local rules or controlled terms. Any notes relating to how these rules or conventions have been used may be given in <descriptiveNote>. The child <shortCode> may be used to identify any abbreviation or code representing the local convention or controlled vocabulary. The prescribed order of all child elements (both required and optional) is:
 <reference>

<shortCode>

<descriptiveNote>

Availability

Optional, repeatable

Example

```
<localTypeDeclaration>
  <reference href="https://d-nb.info/standards/elementset/
gnd_20191015">
    GND0
  </reference>
  <descriptiveNote>
    <p>
      Gemeinsame Normdatei Ontologie
    </p>
    <p languageOfElement="eng">
      Integrated Authority File Ontology
    </p>
    <p>
      Version 2019-10-15
    </p>
  </descriptiveNote>
</localTypeDeclaration>
<localTypeDeclaration>
  <reference href="https://www.loc.gov/marc/authority/">
    MARC21
  </reference>
</localTypeDeclaration>
```

[Table of Contents](#)

< maintenanceAgency >

Maintenance Agency

Summary

A required child element of < control > that identifies the institution or service responsible for the EAS instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
agencyCode	0..1
agencyName	0..n
descriptiveNote	0..1
otherAgencyCode	0..n

May occur within

control

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
countryCode	Optional
id	Optional
languageOfElement	Optional
scriptOfElement	Optional
target	Optional
vocabularySource	Optional
vocabularySourceURI	Optional
valueURI	Optional

Attribute usage

Use @countryCode to indicate a unique code for the country of the maintenance agency.

Description and Usage

<maintenanceAgency> encodes information about the institution or service responsible for the creation, maintenance, and/or dissemination of the EAS instance.

<maintenanceAgency> must include one or both of <agencyCode> or <agencyName> to provide the identifier or the name of the institution or service. It may also include the optional child element <otherAgencyCode> to provide any additional identifiers. Any general information about the institution or service in relation to the EAS instance may be given in <descriptiveNote>.

The prescribed order of all child elements (both required and optional) is:

<agencyCode> (if used)

<agencyName>

<otherAgencyCode>

<descriptiveNote>

Availability

Required, not repeatable

Examples

```
<maintenanceAgency>
  <agencyCode status="authorized" vocabularySource="ISIL"
    vocabularySourceURI="http://id.loc.gov/vocabulary/identifiers/
    isil">
    US-ctybr
  </agencyCode>
  <agencyName>
    Beinecke Rare Book and Manuscript Library
  </agencyName>
  <otherAgencyCode status="authorized" valueURI="https://
    id.loc.gov/vocabulary/organizations/ctybr" vocabularySource="MARC
    Code List for Organizations" vocabularySourceURI="https://
    www.loc.gov/marc/organizations/">
    CtY-BR
  </otherAgencyCode>
  <otherAgencyCode status="alternative" valueURI="https://
    www.wikidata.org/wiki/Q814779" vocabularySource="Wikidata"
    vocabularySourceURI="https://www.wikidata.org/">
    Q814779
  </otherAgencyCode>
</maintenanceAgency>
```

```
<maintenanceAgency>
  <agencyCode status="alternative" vocabularySource="NAD"
    vocabularySourceURI="https://sok.riksarkivet.se/">
```

```
SE/G066
</agencyCode>
<agencyName>
  Kommunalförbundet Sydarkivera
</agencyName>
</maintenanceAgency>
```

[Table of Contents](#)

< maintenanceEvent >

Maintenance Event

Summary

A required child element of < maintenanceHistory > used to record information about maintenance activities in the history of the EAS instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
agent	1..1
eventDateTime	1..1
eventDescription	0..n

May occur within

[maintenanceHistory](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
id	Optional
languageOfElement	Optional
maintenanceEventType	Required (values limited to: cancelled, created, deleted, derived, revised, unknown, updated)
scriptOfElement	Optional
target	Optional

Attribute usage

Use the required @maintenanceEventType to document the type of maintenance activity that the < maintenanceEvent > is recording, using one of the values from the available controlled list.

Description and Usage

A required child element of < maintenanceHistory >, < maintenanceEvent > is used to record an activity in the creation and ongoing maintenance of an EAS instance, including revisions, updates, and deletions. There will always be

at least one maintenance event for each instance, which will typically be its creation.

<maintenanceEvent> must include <agent> and <eventDateTime> child elements to record the agent that carried out the maintenance event, and the date and time the maintenance event occurred.

The prescribed order of all child elements (both required and optional) is:

<agent>

<eventDateTime>

<eventDescription>

Availability

Required, repeatable

Example

```
<maintenanceHistory>
  <maintenanceEvent maintenanceEventType="derived">
    <agent agentType="machine">
      XSLT ead2cpf.xsl/Saxon B9
    </agent>
    <eventDateTime
standardDateTime="2009-08-30T09:37:17.029-04:00"/>
    <eventDescription>
      Derived from EAD instance.
    </eventDescription>
  </maintenanceEvent>
  <maintenanceEvent maintenanceEventType="revised">
    <agent agentType="unknown"/>
    <eventDateTime standardDateTime="2021-11-27"/>
  </maintenanceEvent>
  <maintenanceEvent maintenanceEventType="updated">
    <agent agentType="human">
      K. Bredenberg
    </agent>
    <eventDateTime>
      December 2021
    </eventDateTime>
  </maintenanceEvent>
</maintenanceHistory>
```

[Table of Contents](#)

< maintenanceHistory >

Maintenance History

Summary

A required child element of < control > that captures the history of the creation and maintenance of the EAS instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
maintenanceEvent	1..n

May occur within

[control](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
id	Optional
languageOfElement	Optional
scriptOfElement	Optional
target	Optional

Description and Usage

A required child element of < control >, < maintenanceHistory > is for recording the history of the creation, revisions, updates, and other modifications to the EAS instance.

There must be at least one child < maintenanceEvent > in < maintenanceHistory >, which usually will be a record of the creation of the instance. There may be many other < maintenanceEvent > elements documenting the milestone changes or activities in the maintenance of the instance.

Availability

Required, not repeatable

Example

```
<maintenanceHistory>
  <maintenanceEvent maintenanceEventType="derived">
    <agent agentType="machine">
      XSLT ead2cpf.xsl/Saxon B9
    </agent>
    <eventDateTime
standardDateTime="2009-08-30T09:37:17.029-04:00"/>
    <eventDescription>
      Derived from EAD instance.
    </eventDescription>
  </maintenanceEvent>
  <maintenanceEvent maintenanceEventType="revised">
    <agent agentType="unknown"/>
    <eventDateTime standardDateTime="2021-11-27"/>
  </maintenanceEvent>
  <maintenanceEvent maintenanceEventType="updated">
    <agent agentType="human">
      K. Bredenberg
    </agent>
    <eventDateTime>
      December 2021
    </eventDateTime>
  </maintenanceEvent>
</maintenanceHistory>
```

[Table of Contents](#)

< mandate >

Mandate

Summary

A required child element of < mandates > used for identifying the source of authority or mandate for the corporate body in terms of its powers, functions, responsibilities or activities, such as a law, directive, or charter.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
date or dateRange or dateSet	0..1
descriptiveNote	0..1
placeName	0..n
term	1..n

May occur within

[mandates](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Description and Usage

<mandate> is used to identify the source of authority or mandate for the entity being described in terms of its powers, functions, responsibilities or sphere of activities, such as a law, directive, or charter.

<mandate> must include at least one <term> element. Terms may be drawn from controlled vocabularies or may be natural language terms. <term> can be repeated within <mandate> to include translations of the same mandate. Use the @languageOfElement attribute to identify the language used in each <term>.

Associated date(s) (<date>, <dateRange>, or <dateSet>) and place(s) (<placeName>) may be included to further constrain the term's meaning. A <descriptiveNote> may be included if a fuller textual explanation is needed. Multiple <mandate> elements may be grouped within a <mandates> element.

The prescribed order of all child elements (both required and optional) is:

<term>

One of <date>, <dateRange>, or <dateSet>

<placeName>

<descriptiveNote>

Availability

Required, repeatable

Example

```
<mandate>
  <term>
    Law 1946/1991
  </term>
  <date standardDate="1991">
    1991
  </date>
  <descriptiveNote>
    <p>
      Law 1946/1991 determines a new legislative frame, which
      regulates the operation of the General State Archives to this day.
      The Central Service is structured into departments and Archives are
      established in prefectures which did not exist till then.
    </p>
  </descriptiveNote>
</mandate>
```

[Table of Contents](#)

< mandates >

Mandates

Summary

An optional child element of < description > used for grouping together one or more < mandate > elements.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
descriptiveNote	0..1
mandate	1..n

May occur within

[description](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

< mandates > groups together one or more occurrences of < mandate > .
 < mandates > must include at least one < mandate > element.
 The prescribed order of all child elements (both required and optional) is:

< mandate >

< descriptiveNote >

Availability

Optional, not repeatable

Example

```
<mandates>
  <mandate>
    <term>
      Instrucciones de 13-VI-1586 por las que se crean y definen las
      secretarias de Tierra y Mar.
    </term>
  </mandate>
  <mandate>
    <term>
      Real Decreto de Nueva Planta para el consejo de Guerra de 23-
      IV-1714.
    </term>
  </mandate>
  <mandate>
    <term>
      Real Decreto de Nueva Planta para el consejo de Guerra de 23-
      VIII-1715.
    </term>
  </mandate>
</mandates>
```

[Table of Contents](#)

<multipleIdentities>

Multiple Identities

Summary

A child element of <eac> used to group together more than one <cpfDescription> within a single EAC-CPF instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
cpfDescription	2..n

May occur within

[eac](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
base	Optional
id	Optional
target	Optional

Description and Usage

A grouping element used to encode more than one <cpfDescription> in a single EAC-CPF instance.

The <multipleIdentities> element can be used to resolve two identity circumstances. Firstly, it can be used to represent more than one identity (including official identities) of the same CPF entity, each with a separate <cpfDescription>. Secondly, it can be used to represent a collaborative identity that includes multiple individuals operating under a shared identity (such as a shared pseudonym).

<multipleIdentities> must include two or more <cpfDescription> elements.

Availability

Within <eac>: one of <cpfDescription> or <multipleIdentities> required, not repeatable

Example

```
<multipleIdentities>
  <cpfDescription>
    <identity identityType="acquired" localType="pseudonyme">
      <entityType>
        person
      </entityType>
      <nameEntry languageOfElement="ru" scriptOfElement="Latn">
        <part localType="élément d'entrée">
          Gorki
        </part>
        <part localType="autre élément">
          Maksim
        </part>
      </nameEntry>
      <useDates>
        <dateRange>
          <fromDate standardDate="1892">
            1892
          </fromDate>
          <toDate standardDate="1936">
            1936
          </toDate>
        </dateRange>
      </useDates>
    </identity>
    <description>
      <functions>
        <function>
          <term>
            Romancier
          </term>
        </function>
      </functions>
      <languagesUsed>
        <languageUsed>
          <language languageCode="rus">
            russe
          </language>
          <writingSystem scriptCode="Cyr1"/>
        </languageUsed>
      </languagesUsed>
      <existDates>
        <dateRange>
          <fromDate standardDate="1868">
            1868
          </fromDate>
          <toDate standardDate="1936">
            1936
          </toDate>
        </dateRange>
      </existDates>
    </description>
  </cpfDescription>
</multipleIdentities>
```



```

<identity identityType="given" localType="état civil">
  <entityType>
    person
  </entityType>
  <nameEntry languageOfElement="rus" scriptOfElement="Latn">
    <part localType="élément d'entrée">
      Peškov
    </part>
    <part localType="autre élément">
      Aleksej Maksimovič
    </part>
  </nameEntry>
</identity>
<description>
  <places>
    <place>
      <placeRole>
        naissance
      </placeRole>
      <placeName>
        Nijni-Novgorod (Russie)
      </placeName>
    </place>
    <place>
      <placeRole>
        décès
      </placeRole>
      <placeRole>
        Gorki (Russie)
      </placeRole>
    </place>
    <place>
      <placeRole>
        nationalité
      </placeRole>
      <placeName countryCode="SU">
        Union Soviétique
      </placeName>
    </place>
  </places>
  <existDates>
    <dateRange>
      <fromDate standardDate="1868-03-28">
        28 mars 1868
      </fromDate>
      <toDate standardDate="1936-06-18">
        18 juin 1936
      </toDate>
    </dateRange>
  </existDates>
  <biogHist>
    <p>
      Élevé par son oncle maternel à Nijni-Novgorod. S'installe
      à Kazan en 1884. Autodidacte. Premiers contacts avec les milieux
      marxistes et populistes. Retour à Nijni-Novgorod en 1889 et
      première arrestation. Entame un premier voyage dans le sud de
      la Russie en 1891 et s'installe à Tiflis (1891-1892), avant de
    </p>
  </biogHist>

```

revenir à Nijni-Novgorod (1893-1895 puis 1898). Arrêté un deuxième fois à Tiflis en 1898. Il se rend pour la première fois à Saint-Pétersbourg en 1899. Arrêté une 3e fois à Nijni-Novgorod en 1901, ce qui provoque une campagne de protestations. Entretient des liens d'amitié avec Cehov et Tol'stoj. Il apporte son soutien financier au Parti social-démocrate et se rapproche des Bolcheviks après 1905. Il s'exile à Capri de 1906 à 1913. Rentré en Russie en 1913, il s'exile de nouveau en 1921 en Allemagne puis en Italie en 1923. Il retourne définitivement en URSS en 1932.

</p>

</biogHist>

</description>

</cpfDescription>

</multipleIdentities>

[Table of Contents](#)

< nameEntry >

Name Entry

Summary

An element containing a name entry for a corporate body, person, or family.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
part	1..n
useDates	0..n

May occur within

identity, nameEntrySet

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
preferredForm	Optional (values limited to: false, true)
scriptOfElement	Optional
sourceReference	Optional
status	Optional (values limited to: alternative, authorized)
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Attribute usage

The @status attribute may be used to indicate whether the < nameEntry > is an authorized or alternative form of the name.

The @scriptOfElement and @languageOfElement attributes can be used to specify the script and language of each name recorded in <nameEntry>.

Description and Usage

Within <identity>, the element <nameEntry> is used to record a name by which the corporate body, person, or family described in the EAC-CPF instance is known.

When <nameEntry> occurs within <nameEntrySet> it is used to record two or more forms of a name, for example official and non-official forms of the name in different languages and/or scripts.

Each form of the name is recorded in a separate <nameEntry> element.

Each <nameEntry> must contain at least one <part> element. Within <nameEntry> each of the component parts of a name may be recorded in a separate <part> element.

The <nameEntry> element may also contain a <useDates> element to indicate the dates the name was used.

The prescribed order of all child elements (both required and optional) is:

<part>

<useDates>

Availability

Within <identity>: one of <nameEntry> or <nameEntrySet> required, repeatable

Within <nameEntrySet>: two or more <nameEntry> required, repeatable

Example

```
<nameEntrySet languageOfElement="fre">
  <nameEntry conventionDeclarationReference="cd1"
    preferredForm="true">
    <part>
      Provence-Alpes-Côte d'Azur
    </part>
  </nameEntry>
  <nameEntry conventionDeclarationReference="cd2">
    <part>
      Région Sud Provence-Alpes-Côte d'Azur
    </part>
  </nameEntry>
  <nameEntry conventionDeclarationReference="cd3">
    <part>
      Provence-Alpes-Côte-d'Azur
    </part>
  </nameEntry>
</nameEntrySet>
```



[Table of Contents](#)

< nameEntrySet >

Name Entry Set

Summary

An optional child element of <identity> used as a wrapper element for two or more <nameEntry> elements representing different forms of the same name (e.g., official and non-official forms of the name in different languages and/or scripts).

May contain

<i>Element/content type</i>	<i>Occurrences</i>
nameEntry	2..n
useDates	0..n

May occur within

[identity](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

A wrapper element used to group two or more <nameEntry> elements representing parallel or other forms of the name for the same CPF entity which are used at the same time (e.g., official and non-official forms of the name in different languages and/or scripts).

The <nameEntrySet> element may contain a <useDates> element to indicate the dates the set of name forms was used.

The prescribed order of all child elements (both required and optional) is:

<nameEntry>

<useDates>

Availability

Within <identity>: one of <nameEntry> or <nameEntrySet> required, repeatable

Example

```
<nameEntrySet localType="parallel">
  <nameEntry languageOfElement="de" preferredForm="true"
    status="authorized" localType="native">
    <part localType="surname">
      Arendt
    </part>
    <part localType="firstname">
      Hannah
    </part>
  </nameEntry>
  <nameEntry languageOfElement="ja" scriptOfElement="Jpan"
    preferredForm="false" status="authorized" localType="translation">
    <part localType="surname">
      アーレント
    </part>
    <part localType="firstname">
      ハナ
    </part>
  </nameEntry>
  <nameEntry languageOfElement="en" preferredForm="false"
    status="authorized">
    <part localType="surname">
      Arendt
    </part>
    <part localType="firstname">
      Hannah
    </part>
  </nameEntry>
</nameEntrySet>
```

[Table of Contents](#)

< objectXMLWrap >

Object XML Wrap

Summary

An optional child element of < relation >, < setComponent >, and < source > that allows for the inclusion of an XML element from any XML namespace.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[any element from any namespace]	

May occur within

[relation](#), [setComponent](#), [source](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
id	Optional
target	Optional

Description and Usage

A wrapper element that provides a place to express data in any XML encoding language.

To facilitate interoperability the XML should conform to an open, standard XML schema and a namespace attribute should be present on the root element referencing the namespace of the standard.

It is also possible to encode data in XML without a namespace within the < objectXMLWrap > element.

< objectXMLWrap > may be used to store related XML data locally rather than linking to external resources in order to facilitate processing or in cases where the related data may not be reliably accessible.

Availability

Optional, not repeatable

Examples

```
<objectXMLWrap>
  <mods:mods xmlns:mods="http://www.loc.gov/mods/v3"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://www.loc.gov/mods/v3
      http://www.loc.gov/mods/v3/mods-3-3.xsd">
    <mods:titleInfo>
      <mods:title>
        Artisti trentini tra le due guerre
      </mods:title>
    </mods:titleInfo>
    <mods:name>
      <mods:namePart type="given">
        Nicoletta
      </mods:namePart>
      <mods:namePart type="family">
        Boschiero
      </mods:namePart>
      <mods:role>
        <mods:roleTerm type="text">
          autore
        </mods:roleTerm>
      </mods:role>
    </mods:name>
  </mods:mods>
</objectXMLWrap>
```

```
<objectXMLWrap>
  <text:bibl xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:text="http://www.tei.org/ns/1.0"
    xsi:schemaLocation="http://www.tei.org/ns/1.0 tei.xsd"
    default="false">
    <text:title>
      <text:emph rend="italic">
        Paris d'hier et d'aujourd'hui
      </text:emph>
    </text:title>
    <text:respStmt>
      <text:resp>
        photographes
      </text:resp>
      <text:name>
        Roger Henrard
      </text:name>
      <text:name>
        Yann Arthus-Bertrand
      </text:name>
    </text:respStmt>
  </text:bibl>
</objectXMLWrap>
```

```
<objectXMLWrap>
  <note xmlns="">
```

```
<to>
  Tove
</to>
<from>
  Jani
</from>
<heading>
  Reminder
</heading>
<body>
  Don't forget me this weekend!
</body>
</note>
</objectXMLWrap>
```

[Table of Contents](#)

< occupation >

Occupation

Summary

A required child element of < occupations > that provides information about an occupation of the CPF entity being described.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
date or dateRange or dateSet	0..1
descriptiveNote	0..1
placeName	0..n
term	1..n

May occur within

[occupations](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Description and Usage

< occupation > is a wrapper element that uses the child element < term > to identify an occupation held by the CPF entity. Terms may be drawn from controlled vocabularies or may be natural language terms.

<occupation> must include at least one <term> element. <term> can be repeated within <occupation> to include translations of the same function. Use the @languageOfElement attribute to identify the language used in each <term>.

Associated date(s) (<date>, <dateRange>, or <dateSet>) and place(s) (<placeName>) may be included to further constrain the term's meaning. A <descriptiveNote> element may be included if a textual explanation needed. The prescribed order of all child elements (both required and optional) is:

<term>

One of <date>, <dateRange>, or <dateSet>

<placeName>

<descriptiveNote>

Availability

Required, repeatable

Example

```
<occupations>
  <occupation>
    <term>Geologist</term>
  </occupation>
  <occupation>
    <term>Palaeontologist</term>
  </occupation>
</occupations>
```

[Table of Contents](#)

< occupations >

Occupations

Summary

An optional child element of <description> used for grouping together one or more <occupation> elements.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
> descriptiveNote	0..1
occupation	1..n

May occur within

description

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

Use the optional <occupations> element to group together one or more occurrences of <occupation>. <occupations> must include at least one <occupation> element.

The prescribed order of all child elements (both required and optional) is:

< occupation >

< descriptiveNote >

Availability

Optional, not repeatable

Example

```
<occupations>
  <occupation>
    <term>Teacher</term>
  </occupation>
  <occupation>
    <term>Railway labourer</term>
  </occupation>
</occupations>
```

[Table of Contents](#)

< otherAgencyCode >

Other Agency Code

Summary

An optional child element of < maintenanceAgency > that provides an alternative code for the institution or service responsible for the EAS instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

[maintenanceAgency](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
scriptOfElement	Optional
status	Optional (values limited to: alternative, authorized)
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Attribute usage

Use @valueURI to provide the sequence of characters (e.g., URI) that uniquely identifies the code in a controlled vocabulary, taxonomy, ontology, or other knowledge organization system.

Use @vocabularySource to identify the source where @valueURI comes from, and @vocabularySourceURI to point univocally to the organization system used.

Use @localType to specify the type of code being provided.

Use @status to encode whether the <otherAgencyCode> is an authorized or alternative code.

Description and Usage

Use <otherAgencyCode> to provide an alternative and/or local code that represents the institution or service responsible for the creation, maintenance, and/or dissemination of the EAS instance. Any code other than that given in <agencyCode> may be provided in <otherAgencyCode>. The addition of an ISO 3166-1 alpha-2 country code as the prefix to a local code is recommended to ensure international uniqueness.

Availability

Optional, repeatable

Examples

```
<maintenanceAgency>
  <agencyCode status="authorized" vocabularySource="ISIL"
    vocabularySourceURI="http://id.loc.gov/vocabulary/identifiers/
    isil">
    US-nbuuar
  </agencyCode>
  <agencyName>
    State University of New York at Buffalo, Archives
  </agencyName>
  <otherAgencyCode status="authorized" valueURI="http://id.loc.gov/
    vocabulary/organizations/nbuuar" vocabularySource="MARC Code List
    for Organizations" vocabularySourceURI="https://www.loc.gov/marc/
    organizations/">
    NBuU-AR
  </otherAgencyCode>
</maintenanceAgency>
```

```
<maintenanceAgency>
  <agencyCode status="authorized" vocabularySource="ISIL"
    vocabularySourceURI="http://id.loc.gov/vocabulary/identifiers/
    isil">
    US-ctybr
  </agencyCode>
  <agencyName>
    Beinecke Rare Book and Manuscript Library
  </agencyName>
  <otherAgencyCode status="authorized" valueURI="https://
    id.loc.gov/vocabulary/organizations/ctybr" vocabularySource="MARC
    Code List for Organizations" vocabularySourceURI="https://
    www.loc.gov/marc/organizations/">
    CtY-BR
  </otherAgencyCode>
```



```
<otherAgencyCode status="alternative" valueURI="https://  
www.wikidata.org/wiki/Q814779" vocabularySource="Wikidata"  
vocabularySourceURI="https://www.wikidata.org/">  
Q814779  
</otherAgencyCode>  
</maintenanceAgency>
```

[Table of Contents](#)

< otherEntityType >

Other Entity Type

Summary

A required and repeatable child element of < otherEntityTypes > used to encode additional or alternative entity types.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
date or dateRange or dateSet	0..1
descriptiveNote	0..1
placeName	0..n
term	1..n

May occur within

otherEntityTypes

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Description and Usage

< otherEntityType > is a required child element of < otherEntityTypes > used to encode any additional or alternative entity types used for the CPF instance in addition to the required < entityType > element with values of corporateBody,

person, or family. For example, in a local context "organization" might be used as an entity type instead of "corporateBody". <otherEntityType> allows "organization" to be encoded.

<otherEntityType> must include one <term> element containing the term for the other entity type.

Each CPF instance may include more than one <otherEntityType> element within the <otherEntityTypes> wrapper element.

The prescribed order of all child elements (both required and optional) is:

<term>

One of <date>, <dateRange>, or <dateSet>

<placeName>

<descriptiveNote>

Availability

Required, repeatable

Example

```
<identity>
  <entityType>
    corporateBody
  </entityType>
  <nameEntry status="authorized">
    <part>
      Ballarat Orphanage
    </part>
  </nameEntry>
  <otherEntityTypes>
    <otherEntityType>
      <term>
        Organisation
      </term>
    </otherEntityType>
  </otherEntityTypes>
</identity>
```

[Table of Contents](#)

< otherEntityTypes >

Other Entity Types

Summary

An optional child element of < identity > used for grouping one or more < otherEntityType > elements.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
descriptiveNote	0..1
otherEntityType	1..n

May occur within

[identity](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

A wrapper element used to group one or more < otherEntityType > elements. These elements are used to encode any additional or alternative entity types used for the CPF instance in addition to the required < entityType > element with values of corporateBody, person or family.

< otherEntityTypes > must include at least one < otherEntityType > element.

< descriptiveNote > can be used to add any additional descriptive information to the < otherEntityTypes >.

The prescribed order of all child elements (both required and optional) is:

< otherEntityType >

< descriptiveNote >

Availability

Optional, not repeatable

Example

```
<otherEntityTypes>
  <otherEntityType>
    <term>
      Non-governmental organization
    </term>
  </otherEntityType>
  <otherEntityType>
    <term>
      Organization
    </term>
  </otherEntityType>
</otherEntityTypes>
```

[Table of Contents](#)

< otherRecordId >

Other Record Identifier

Summary

An optional child element of < control > that encodes any local identifier for the EAS instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

[control](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
scriptOfElement	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Attribute usage

Use @valueURI to provide the sequence of characters (e.g., URI) that uniquely identifies the alternative identifier in a controlled vocabulary, taxonomy, ontology, or other knowledge organization system.
Use @vocabularySource to identify the source where @valueURI comes from, e.g, the institution or service providing the associated record identifier, and @vocabularySourceURI to point univocally to the organization system used.
Use @localType to identify the institution or service responsible for providing the associated record identifier, if not the same as that given in < maintenanceAgency >.

Description and Usage

`<otherRecordId>` can be used to record an identifier that is an alternative to the mandatory identifier provided in `<recordId>`. These might include the identifiers of merged EAS instances representing the same entity or those of records that are no longer current but had some part in the history and maintenance of the EAS instance.

Availability

Optional, repeatable

Examples

```
<otherRecordId localType="PARES"
  localTypeDeclarationReference="lTD1">
  140149
</otherRecordId>
```

```
<otherRecordId localType="original">
  AUBT-ISAAR-C-002
</otherRecordId>
```

[Table of Contents](#)

<p>

< p >

Paragraph

Summary

A general purpose element used to encode blocks of text.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	
reference	0..n
span	0..n

May occur within

[biogHist](#), [descriptiveNote](#), [generalContext](#), [structureOrGenealogy](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

Use <p> for blocks of text. A paragraph may be a subdivision of a larger composition or it may exist alone. It is usually typographically distinguished: A line space is often left blank before it; the text begins on a new line; and the first letter of the first word may be indented, enlarged, or both.

Availability

Within <descriptiveNote>: required, repeatable.
Within all other parents: optional, repeatable.

Example

```
<biogHist>
  <p>
    Robert Carlton Brown (1886-1959) was a writer, editor,
    publisher, and traveler. From 1908 to 1917, he wrote poetry and
    prose for numerous magazines and newspapers in New York City,
    publishing two pulp novels, <span style="font-style:italic">What
    Happened to Mary</span> and <span style="font-style:italic">The
    Remarkable Adventures of Christopher Poe</span> (1913), and one
    volume of poetry, <span style="font-style:italic">My Marjonary</
    span> (1916).
  </p>
  <p>
    During 1918, he traveled extensively in Mexico and Central
    America, writing for the U.S. Committee of Public Information
    in Santiago de Chile. In 1919, he moved with his wife, Rose
    Brown, to Rio de Janeiro, where they founded <span style="font-
    style:italic">Brazilian American</span>, a weekly magazine that
    ran until 1929. With Brown's mother, Cora, the Browns also
    established magazines in Mexico City and London: <span style="font-
    style:italic">Mexican American</span> (1924-1929) and <span
    style="font-style:italic">British American</span> (1926-1929).
  </p>
</biogHist>
```

[Table of Contents](#)

< part >

Part

Summary

A required and repeatable child of <nameEntry> and <targetEntity> used to distinguish components of a name.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

nameEntry, targetEntity

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Attribute usage

The designation of the information contained in the <part> can be specified by the attribute @localType.

Description and Usage

Within <nameEntry> each of the components of a name, such as forename, surname or honorific title, may be recorded in a separate <part> element. <part> may also contain the full name of the entity when it is not possible to distinguish the different components of the name.

Within <targetEntity> the name or term for the related entity is encoded within <part> elements.

<part> cannot be empty and requires at least one non-whitespace character, such as a hyphen, if no actual name can be given.

Availability

Required, repeatable

Examples

```
<nameEntry languageOfElement="de" preferredForm="true"
  status="authorized" localType="native">
  <part localType="surname">
    Arendt
  </part>
  <part localType="firstname">
    Hannah
  </part>
</nameEntry>
```

```
<nameEntry conventionDeclarationReference="cd1"
  preferredForm="true">
  <part>
    Provence-Alpes-Côte d'Azur
  </part>
</nameEntry>
```

[Table of Contents](#)

<place>

Place**Summary**

An element that provides information about a place or jurisdiction, including places where the CPF entity was based, lived, or with which it had some other significant connection.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
address	0..n
contact	0..n
date or dateRange or dateSet	0..n
descriptiveNote	0..1
geographicCoordinates	0..n
placeName	0..n
placeRole	0..n

May occur within

[chronItem](#), [chronItemSet](#), [places](#), [relation](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Description and Usage

A `<place>` element is a wrapper element used to encode information about a place or jurisdiction. This includes identifying the places or jurisdictions where the CPF entity was based, lived, or with which it had some other significant connection. It can also be used to encode address and contact information.

`<place>` must include at least one of `<address>`, `<contact>`,

`<geographicCoordinates>`, `<placeName>` or `<placeRole>`.

`<placeName>` may be used to encode the name of a place that is related to the CPF entity described. The `<placeRole>` element is available to specify the nature of the connection of the place with the CPF entity being described, and its use is strongly recommended. Terms in `<placeName>` and `<placeRole>` may be drawn from controlled vocabularies or may be natural language terms. These controlled vocabularies can be identified with the `@vocabularySource` and `@vocabularySourceURI` attributes.

The `<address>` element is available for specifying a postal or other address.

The `<contact>` element is available for specifying a digital address or other contact information.

Associated date or date range (`<date>`, `<dateRange>`, or `<dateSet>`)

information may be included to further constrain the place's meaning. A `<descriptiveNote>` may be included if a fuller explanation of the significance of the place to the CPF entity described is needed.

The prescribed order of all child elements (both required and optional) is:

One or more of `<address>`, `<contact>`,

`<geographicCoordinates>`, `<placeName>`, and `<placeRole>`

One of `<date>`, `<dateRange>`, or `<dateSet>`

`<descriptiveNote>`

Availability

Within `<chronItem>`: optional, not repeatable.

Within `<chronItemSet>`, `<relation>`: optional, repeatable.

Within `<places>`: required, repeatable.

Examples

```
<place>
  <placeRole>
    Residence
  </placeRole>
  <placeName valueURI="http://vocab.getty.edu/page/tgn/7008153"
    vocabularySource="tgn" vocabularySourceURI="https://www.getty.edu/
    research/tools/vocabularies/tgn/index.html" id="IDPlaceName01">
    Kent (county)
  </placeName>
</place>
```

```
<place>
  <placeName vocabularySource="local" id="IDPlaceName1">
    East Side (Buffalo, N.Y.)
  </placeName>
  <geographicCoordinates coordinateSystem="WGS84">
    N 42°53'48" W 78°50'2"
  </geographicCoordinates>
</place>
```

[Table of Contents](#)

< placeName >

Place Name

Summary

An optional child element of < place > used to encode the name of a place or geographic feature that is related to the CPF entity described.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

demographicDescription, function, legalStatus, localDescription, mandate, occupation, otherEntityType, place

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
countryCode	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Attribute usage

The @vocabularySource attribute may be used to indicate the controlled vocabulary from which the < placeName > term is derived.

Description and Usage

<placeName> should be identified by the proper noun that commonly designates the place, natural feature, or political jurisdiction. It is recommended that place names be taken from authorized vocabularies. Within <place>, a companion <placeRole> is strongly recommended to describe the nature of the association of the <placeName> to the entity. Furthermore a companion <geographicCoordinates> is available beside <placeName>, when used within <place>, to encode latitude, longitude and altitude information.

At least one of <placeName>, <placeRole>, <geographicCoordinates>, <address>, or <contact> is required within <place>.

The <placeName> element is repeatable. It is strongly recommended that within <place>, the <placeName> element be repeated only to represent the same place name in various languages, with an accompanying @languageOfElement attribute.

Availability

Optional, repeatable

Examples

```
<place>
  <placeName vocabularySource="local" id="IDPlaceName1">
    East Side (Buffalo, N.Y.)
  </placeName>
  <geographicCoordinates coordinateSystem="WGS84">
    N 42°53'48" W 78°50'2"
  </geographicCoordinates>
</place>
```

```
<place>
  <placeName localType="place">
    Clear Spring
  </placeName>
  <placeName localType="state">
    Maryland
  </placeName>
  <geographicCoordinates coordinateSystem="UTM">
    18S 248556mE 4393694mN
  </geographicCoordinates>
</place>
```

[Table of Contents](#)

<placeRole>

Place Role

Summary

An optional child element of <place> used to identify the contextual role the place or jurisdiction being encoded.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

[place](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Attribute usage

The @vocabularySource attribute may be used to indicate the controlled vocabulary from which the <placeRole> is derived.

Description and Usage

<placeRole> provides a contextual role for a <placeName> within <place>. Places should be identified in <placeName> by the proper noun that commonly designates the place, natural feature, or political jurisdiction.

It is strongly recommended that each `<placeName>` is accompanied by a `<placeRole>` element in order to describe the nature of the association of the place being encoded.

At least one of `<placeName>`, `<placeRole>`, `<geographicCoordinates>`, `<address>`, or `<contact>` is required within `<place>`.

Availability

Optional, repeatable

Example

```
<place>
  <placeRole>
    Residence
  </placeRole>
  <placeName valueURI="http://vocab.getty.edu/page/tgn/7008153"
    vocabularySource="tgn" vocabularySourceURI="https://www.getty.edu/
research/tools/vocabularies/tgn/index.html" id="IDPlaceName01">
    Kent (county)
  </placeName>
</place>
```

[Table of Contents](#)

< places >

Places

Summary

An optional child element of < description > used for grouping together one or more < place > elements.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
descriptiveNote	0..1
place	1..n

May occur within

[description](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

Use the optional < places > element to group together one or more occurrences of < place >. < places > must include at least one < place > element. A < descriptiveNote > element may be included if a fuller textual explanation is needed.

The prescribed order of all child elements (both required and optional) is:

< place >

< descriptiveNote >

Availability

Optional, not repeatable

Example

```
<places>
  <place>
    <placeName valueURI="https://d-nb.info/gnd/4057648-6"
      vocabularySource="GND" vocabularySourceURI="https://d-nb.info/
gnd/">
      Stockholm
    </placeName>
    <placeRole valueURI="https://d-nb.info/standards/
elementset/gnd#placeOfBirth" vocabularySource="GND0"
      vocabularySourceURI="https://d-nb.info/standards/elementset/gnd#">
      Geburtsort
    </placeRole>
  </place>
  <place>
    <placeName valueURI="https://d-nb.info/gnd/4051594-1"
      vocabularySource="GND" vocabularySourceURI="https://d-nb.info/
gnd/">
      Sankt Gallen
    </placeName>
    <placeRole valueURI="https://d-nb.info/standards/
elementset/gnd#placeOfDeath" vocabularySource="GND0"
      vocabularySourceURI="https://d-nb.info/standards/elementset/gnd#">
      Sterbeort
    </placeRole>
  </place>
</places>
```

[Table of Contents](#)

<recordId>

Record Identifier

Summary

A required child element of <control> that designates a unique identifier for the EAS instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

control

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
id	Optional
languageOfElement	Optional
scriptOfElement	Optional
target	Optional

Description and Usage

<recordId> is used for recording a unique identifier for the EAS instance. The institution assigning the identifier ensures uniqueness of the <recordId> value within the archival descriptions under its control. A globally unique identifier may be constructed within <recordId> according to various external protocols (i.e. HTTP URI, DOI, PURL, or UUID), or in combination with <agencyCode>, which is an optional element within <maintenanceAgency>. <recordId> cannot be empty. Any alternative or additional record identifiers may be recorded in <otherRecordId>.

Availability

Required, not repeatable

See also

Use <agencyCode> in combination with <recordId> to provide a globally unique identifier for the EAS instance.

Examples

```
<recordId>  
  F10219  
</recordId>
```

```
<recordId>  
  ES-28079-PARES-AUT-140149  
</recordId>
```

```
<recordId>  
  DE-1981_C002  
</recordId>
```

[Table of Contents](#)

< reference >

Reference

Summary

An element that cites an external resource.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	
span	0..n

May occur within

[abstract](#), [chronItem](#), [chronItemSet](#), [conventionDeclaration](#), [event](#), [eventDescription](#), [item](#), [localTypeDeclaration](#), [p](#), [rightsDeclaration](#), [source](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
href	Optional
id	Optional
languageOfElement	Optional
linkRole	Optional
linkTitle	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Attribute usage

Use @href to link to the cited resource.

Description and Usage

An element used for referencing external resources that have been used to compile the EAC-CPF instance, that provide additional context to the EAC-CPF instance, or that identify rules or conventions that have been applied.

<reference> is a required child element of <conventionDeclaration>, <localTypeDeclaration>, and <rightsDeclaration> for identifying any rules and conventions applied in the compilation of the description. It is also a required child element of <source>, used to identify any sources used in compiling the description. <source> may include multiple child <reference> elements.

<reference> is an optional child element of <abstract>, <chronItem>, <chronItemSet>, <event>, <eventDescription>, <item>, and <p> where it is used to reference any external resources that provide additional context to the content of that element.

Availability

Within <conventionDeclaration>, <localTypeDeclaration>, <rightsDeclaration>: required, not repeatable

Within <source>: required, repeatable

Within <abstract>, <chronItem>, <chronItemSet>, <event>, <eventDescription>, <item>, <p>: optional, repeatable

See also

<reference> is used for external linking only. If any internal linking is required, use the @target attribute.

Examples

```
<source>
  <reference href="https://de.wikipedia.org/wiki/
Gustav_IV._Adolf_(Schweden)">
    Wikipedia
  </reference>
</source>
```

```
<conventionDeclaration>
  <reference href="https://www.loc.gov/aba/rda/">
    Resource Description and Access
  </reference>
  <shortCode>
    RDA
  </shortCode>
</conventionDeclaration>
```

[Table of Contents](#)

<relation>

Relation

Summary

A required child element of <relations> for describing a relationship between the entity or records described and a related entity.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
date or dateRange or dateSet	0..1
descriptiveNote	0..1
objectXMLWrap	0..1
place	0..n
relationType	0..n
targetEntity	1..1
targetRole	0..n

May occur within

relations

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

Use the required child element <targetEntity> to provide a textual identification of the related entity, such as a name or a title. Use the optional child element <relationType> to specify the type of relation. Use the optional child element <targetRole> to specify the role of the related entity. It is

recommended that the terms used in `<relationType>`, `<targetEntity>`, and `<targetRole>` be taken from an authorized vocabulary.

Use `<objectXMLWrap>` to embed XML documenting the related entity from any namespace. Use `<date>`, `<dateRange>`, or `<dateSet>` for specifying the time period of the relationship and `<place>` for relevant location information.

`<descriptiveNote>` may be included for more detailed specifications or explanations of the relationship.

The prescribed order of all child elements (both required and optional) is:

`<targetEntity>`

One of `<date>`, `<dateRange>`, or `<dateSet>`

One or more of `<place>`, `<relationType>`, and `<targetRole>`

`<descriptiveNote>`

`<objectXMLWrap>`

Availability

Required, repeatable

Examples

```
<relation>
  <targetEntity targetType="resource">
    <part>
      Mémorial du colonel Gustafsson. - 1829
    </part>
  </targetEntity>
  <relationType>
    creation
  </relationType>
  <targetRole>
    Publication
  </targetRole>
</relation>
```

```
<relation>
  <targetEntity targetType="person" valueURI="https://d-nb.info/
gnd/120636123" vocabularySource="GND" vocabularySourceURI="https://
d-nb.info/gnd/">
    <part>
      Sophie
    </part>
    <part>
      Baden, Großherzogin
    </part>
    <part>
```

```
1801-1865
  </part>
</targetEntity>
<relationType>
  family
</relationType>
<targetRole>
  daughter
</targetRole>
</relation>
```

[Table of Contents](#)

<relationType>

Relation Type

Summary

An element used to specify the type of relation that the described entity has to the <targetEntity> .

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

[relation](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Description and Usage

Use <relationType> to specify the type of relation that the entity or records being described have to the <targetEntity> .
The <relationType> element contains a textual description of the relation. It is recommended that values used in <relationType> be taken from an authorized vocabulary.

Availability

Optional, repeatable

Examples

```
<relation>
  <targetEntity targetType="person" valueURI="https://d-nb.info/
gnd/120636123" vocabularySource="GND" vocabularySourceURI="https://
d-nb.info/gnd/">
    <part>
      Sophie
    </part>
    <part>
      Baden, Großherzogin
    </part>
    <part>
      1801-1865
    </part>
  </targetEntity>
  <relationType>
    family
  </relationType>
  <targetRole>
    daughter
  </targetRole>
</relation>
```

```
<relation>
  <targetEntity targetType="corporateBody" valueURI="https://
d-nb.info/gnd/37101-4" vocabularySource="GND"
vocabularySourceURI="https://d-nb.info/gnd/">
    <part>
      Königliche Bibliothek zu Berlin
    </part>
  </targetEntity>
  <relationType>
    has ancestor
  </relationType>
</relation>
```

[Table of Contents](#)

<relations>

Relations

Summary

An optional element that groups one or more <relation> elements, which identify external entities and characterize the nature of their relationships to the entity or records being described.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
descriptiveNote	0..1
relation	1..n

May occur within

[cpfDescription](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
base	Optional
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

A wrapper element that groups together one or more <relation> elements, each of which encodes a specific relationship.

The prescribed order of all child elements (both required and optional) is:

<relation>

<descriptiveNote>

Availability

Optional, not repeatable

Example

```
<relations>
  <relation>
    <targetEntity targetType="person" valueURI="https://d-nb.info/
gnd/119067159X" vocabularySource="GND" vocabularySourceURI="https://
d-nb.info/gnd/">
      <part>
        Arendt, Max
      </part>
      <part>
        1843-1913
      </part>
    </targetEntity>
    <relationType>
      family
    </relationType>
    <targetRole>
      grandfather
    </targetRole>
  </relation>
  <relation>
    <targetEntity targetType="person" valueURI="https://d-nb.info/
gnd/1190672170" vocabularySource="GND" vocabularySourceURI="https://
d-nb.info/gnd/">
      <part>
        Arendt-Beerwald, Martha
      </part>
      <part>
        1874-1948
      </part>
    </targetEntity>
    <relationType>
      family
    </relationType>
    <targetRole>
      mother
    </targetRole>
  </relation>
  <relation>
    <targetEntity targetType="person" valueURI="https://d-nb.info/
gnd/1190671301" vocabularySource="GND" vocabularySourceURI="https://
d-nb.info/gnd/">
      <part>
        Arendt, Paul
      </part>
      <part>
        1873-1913
      </part>
    </targetEntity>
    <relationType>
```

```
        family
      </relationType>
      <targetRole>
        father
      </targetRole>
    </relation>
  </relations>
```

[Table of Contents](#)

< representation >

Representation

Summary

An optional child element of < control > for recording a link to a deliverable version of the EAS instance or to the XML version of the EAS instance itself.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

control

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
href	Optional
id	Optional
languageOfElement	Optional
linkRole	Optional
linkTitle	Optional
localType	Optional
localTypeDeclarationReference	Optional
scriptOfElement	Optional
target	Optional

Attribute usage

Use @href to specify a link to a deliverable version of the EAS instance.
Use @localType to differentiate between multiple < representation > elements.

Description and Usage

Use < representation > to record a link to a deliverable version of an EAS instance, for example an HTML or PDF version, or to the XML version of the EAS instance itself.

Availability

Optional, repeatable

See also

Use `<otherRecordId>` to provide any local identifier for the EAS instance that does not link to a deliverable version.

Examples

```
<control countryEncoding="iso3166-1" dateEncoding="iso8601"
  languageEncoding="iso639-2b" maintenanceStatus="new"
  publicationStatus="published" repositoryEncoding="iso15511"
  scriptEncoding="iso15924">
  <recordId>122651634</recordId>
  [...]
  <representation href="https://kalliope-verbund.info/
gnd/122651634"/>
</control>
```

```
<control countryEncoding="iso3166-1" dateEncoding="iso8601"
  languageEncoding="iso639-2b" maintenanceStatus="revised"
  publicationStatus="published" repositoryEncoding="iso15511"
  scriptEncoding="iso15924">
  <recordId>738070</recordId>
  [...]
  <representation href="https://trove.nla.gov.au/people/738070?
c=people">Osburn, Lucy (1835-1891) - People and organisations -
Trove</representation>
</control>
```

[Table of Contents](#)

< rightsDeclaration >

Rights Declaration

Summary

An optional child element of < control > that indicates a standard rights statement associated with the EAS instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
descriptiveNote	0..1
reference	1..1
shortCode	0..1

May occur within

[control](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
id	Optional
languageOfElement	Optional
scriptOfElement	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Description and Usage

Use < rightsDeclaration > to provide structured information about the usage rights of the EAS instance. < rightsDeclaration > should only be used to reference shared published licenses, such as Creative Commons, RightsStatements.org, or published locally-defined licenses. < reference > must be used to provide a machine-readable reference to a license statement (for example, a URI). It may also be used to encode the name of the license statement.

<shortCode> may be used to provide the abbreviated name for the rights statement. The value of <shortCode> should align with the rights statement referenced by <reference> and <descriptiveNote>.

<descriptiveNote> may be used to provide a human-readable description of the license statement.

The prescribed order of all child elements (both required and optional) is:

<reference>

<shortCode>

<descriptiveNote>

Availability

Optional, repeatable

Example

```
<rightsDeclaration>
  <reference href="https://creativecommons.org/publicdomain/
zero/1.0/deed.de">
    Creative Commons CC0 1.0 Universal (CC0 1.0) Public Domain
    Dedication
  </reference>
  <shortCode>
    CC0 1.0
  </shortCode>
</rightsDeclaration>
```

[Table of Contents](#)

< setComponent >

Set Component

Summary

A required child element of < alternativeSet > that allows an alternative authority record of the EAC-CPF instance being described to be referenced and described, as well as allowing the inclusion of the entire encoding of such alternative authority record in any XML format.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
componentEntry	0..n
descriptiveNote	0..1
objectXMLWrap	0..1

May occur within

[alternativeSet](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
href	Optional
id	Optional
languageOfElement	Optional
linkRole	Optional
linkTitle	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Attribute usage

Use @href to provide a general reference to alternative sets.

Description and Usage

<setComponent> provides a wrapper to link to, describe, or contain one or more alternative authority record, so that multiple records for the same entity from separate authority systems, or in different languages, may be combined together within a single EAC-CPF instance.

The <componentEntry> child element allows for the provision of a name or title for the alternative authority record and the inclusion of a link to the record in an external system, if using a vocabulary or similar.

Use the optional <descriptiveNote> for a textual note providing further information about the record referenced in <setComponent>.

Use the optional <objectXMLWrap> child element when including the entire authority record within the EAC-CPF instance.

Availability

Required, repeatable

Example

```
<alternativeSet>
  <setComponent href="http://nla.gov.au/anbd.aut-an35824899"
linkTitle="Law, P. G. (Phillip Garth), 1912-2010 - Full record view
- Libraries Australia Search">
    <componentEntry>
      Libraries Australia record.
    </componentEntry>
  </setComponent>
  <setComponent href="https://www.eoas.info/biogs/P001333b.htm"
linkTitle="Law, Phillip Garth - Biographical entry - Encyclopedia
of Australian Science">
    <componentEntry>
      Encyclopedia of Australian Science record.
    </componentEntry>
  </setComponent>
  <setComponent>
    <objectXMLWrap>
      <eac-cpf xmlns="urn:isbn:1-931666-33-4"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:isbn:1-931666-33-4 http://
eac.staatsbibliothek-berlin.de/schema/cpf.xsd"> [...] </eac-cpf>
    </objectXMLWrap>
  </setComponent>
</alternativeSet>
```

[Table of Contents](#)

< shortCode >

Short Code

Summary

An optional element for encoding the shortened form of a word or phrase.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

[conventionDeclaration](#), [localTypeDeclaration](#), [rightsDeclaration](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
id	Optional
languageOfElement	Optional
scriptOfElement	Optional
target	Optional

Description and Usage

Used to record the shortened form of a word or phrase, for example, an acronym.

Use < shortCode > within < conventionDeclaration > or < localTypeDeclaration > to identify the code for a thesaurus, controlled vocabulary, or another standard used in creating the EAS description. Use within < rightsDeclaration > to provide an abbreviated name for the rights statement.

To improve interoperability, it is recommended that the value be selected from an authorized list of codes such as the MARC Code List (<http://www.loc.gov/marc/sourcelist/>).

Availability

Optional, not repeatable

Examples

```
<conventionDeclaration id="conventiondeclaration1">  
  <reference>  
    Anglo-American Cataloging Rules, Revised  
  </reference>  
  <shortCode>  
    AACR2  
  </shortCode>  
</conventionDeclaration>
```

```
<rightsDeclaration>  
  <reference href="https://creativecommons.org/licenses/by/4.0/">  
    Creative Commons Attribution 4.0 International Public License  
  </reference>  
  <shortCode>  
    CC BY  
  </shortCode>  
</rightsDeclaration>
```

[Table of Contents](#)

< source >

Source

Summary

A required and repeatable child element of < sources > used to identify a particular source of evidence used for the establishment of the descriptive parts in an EAS instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
citedRange	0..n
descriptiveNote	0..1
objectXMLWrap	0..1
reference	1..n

May occur within

[sources](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
id	Optional
href	Optional
languageOfElement	Optional
linkRole	Optional
linkTitle	Optional
scriptOfElement	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Description and Usage

Use < source > to cite a published resource used in creating the descriptive parts of the EAS instance. Use the required child element < reference > to include a textual identification of the source. In the case of online sources, use @href with < reference > to provide a URI.

Use the optional child element `<citedRange>` to point to a specific location within a source.

Use the optional `<descriptiveNote>` for any additional notes about the source.

Use the optional `<objectXMLWrap>` to embed XML documenting the source from any namespace.

The prescribed order of all child elements (both required and optional) is:

`<reference>`

`<citedRange>`

`<descriptiveNote>`

`<objectXMLWrap>`

Availability

Required, repeatable

Example

```
<sources>
  <source>
    <reference href="https://de.wikipedia.org/wiki/
Gustav_IV._Adolf_(Schweden)">
      Wikipedia
    </reference>
  </source>
  <source>
    <reference href="https://sok.riksarkivet.se/sbl/
Presentation.aspx?id=13318">
      Svenskt biografiskt lexikon
    </reference>
    <descriptiveNote>
      <p>
        Stand: 03.12.2020
      </p>
    </descriptiveNote>
  </source>
</sources>
```

[Table of Contents](#)

< sources >

Sources

Summary

An optional child element of < control > that groups one or more < source > s of evidence used in the descriptive parts in the EAS instance.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
descriptiveNote	0..1
source	1..n

May occur within

[control](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
base	Optional
id	Optional
languageOfElement	Optional
scriptOfElement	Optional
target	Optional

Attribute usage

Use @base to specify a URI (other than the base URI of the EAS instance) to be used for resolving relative URIs within < sources > or descendant elements.

Description and Usage

Use < sources > to bind together one or more < source > elements.

< sources > must include at least one < source > element.

The prescribed order of all child elements (both required and optional) is:

< source >

< descriptiveNote >

Availability

Optional, not repeatable

Example

```
<sources>
  <source>
    <reference>
      Provenienzmerkmal
    </reference>
  </source>
  <source>
    <reference href="http://staatsbibliothek-berlin.de/die-
staatsbibliothek/geschichte/">
      <descriptiveNote>
        <p>
          Stand: 31.07.2018
        </p>
      </descriptiveNote>
    </reference>
  </source>
</sources>
```

[Table of Contents](#)

< span >

span

Summary

Specifies the beginning and the end of a span of text.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

[abstract](#), [event](#), [eventDescription](#), [head](#), [item](#), [reference](#), [p](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
style	Optional
target	Optional

Attribute usage

Use the optional @style attribute to affect an arbitrary stylistic difference.
Use the optional @localType attribute to identify qualities of words or phrases.

Description and Usage

< span > is an optional formatting element for distinguishing words or phrases that are intentionally stressed or emphasized for linguistic effect or identifying some qualities of the words or phrases.

Availability

Optional, repeatable

Example

```
<biogHist>
  <p>
    Robert Carlton Brown (1886-1959) was a writer, editor,
    publisher, and traveler. From 1908 to 1917, he wrote poetry and
    prose for numerous magazines and newspapers in New York City,
    publishing two pulp novels, <span style="font-style:italic">What
    Happened to Mary</span> and <span style="font-style:italic">The
    Remarkable Adventures of Christopher Poe</span> (1913), and one
    volume of poetry, <span style="font-style:italic">My Marjonary</
    span> (1916).
  </p>
  <p>
    During 1918, he traveled extensively in Mexico and Central
    America, writing for the U.S. Committee of Public Information
    in Santiago de Chile. In 1919, he moved with his wife, Rose
    Brown, to Rio de Janeiro, where they founded <span style="font-
    style:italic">Brazilian American</span>, a weekly magazine that
    ran until 1929. With Brown's mother, Cora, the Browns also
    established magazines in Mexico City and London: <span style="font-
    style:italic">Mexican American</span> (1924-1929) and <span
    style="font-style:italic">British American</span> (1926-1929).
  </p>
</biogHist>
```

[Table of Contents](#)

<structureOrGenealogy>

Structure or Genealogy

Summary

An optional child element of <description> used to describe internal administrative structure(s) of a corporate body or the genealogy of a family.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
head	0..1
list	0..n
p	0..n

May occur within

[description](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

<structureOrGenealogy> encodes information expressing the internal administrative structure(s) of a corporate body and the dates of any changes to that structure that are significant to understanding the way that corporate body conducted affairs (such as dated organization charts), or the genealogy of a family (such as a family tree) in a way that demonstrates the interrelationships of its members with relevant dates.

The optional `<list>` element may be used to accommodate greater complexity in expressing or representing the structure(s) or genealogy being described. `<head>` may be used to encode a title or caption. A simpler discursive expression of the structure(s) or genealogy may be encoded as one or more `<p>` elements.

The prescribed order of all child elements (both required and optional) is:

`<head>`

One or both of `<list>` or `<p>`.

Availability

Optional, repeatable

Examples

```
<structureOrGenealogy>
  <p>
    Sir Edward Noel (d 1643) married Julian, daughter and co-heir of
    Baptists Hicks (d 1629), Viscount Campden, and succeeded to the
    viscounty of Campden and a portion of his father-in-law's estates.
    The third Viscount Campden (1612-82) married Hester Wotton,
    daughter of the second Baron Wotton. The fourth Viscount Campden
    (1641-1689, created Earl of Gainsborough, 1682) married Elizabeth
    Wriothesley, elder daughter of the fourth Earl of Southampton. Jane
    Noel (d 1811), sister of the fifth and sixth Earls of Gainsborough,
    married Gerard Anne Edwards of Welham Grove (Leicestershire) and
    had issue Gerard Noel Edwards (1759-1838). He married in 1780 Diana
    Middleton (1762-1823 suo jure Baroness Barham), daughter of Charles
    Middleton (1726-1813), created first Baronet of Barham Court (Kent)
    in 1781 and first Baron Barham in 1805. GN Edwards assumed the
    surname Noel in 1798 on inheriting the sixth Earl of Gainborough's
    Rutland and Gloucestershire estates (though not the Earl's honours,
    which were extinguished); and he later inherited his father-in-
    law's baronetcy. His eldest son John Noel (1781-1866) succeeded to
    the estates of his mother and his father, to his mother's barony
    and his father's baronetcy, and was created Viscount Campden and
    Earl of Gainsborough in 1841.
  </p>
</structureOrGenealogy>
```

```
<structureOrGenealogy>
  <p>
    The organogram of the <span style="font-style:italic">Ministry
    of Culture and Tourism</span> before its incorporation with the
    Ministry of Education and Religious Affairs, was the following:
  </p>
  <list>
    <item>Minister of Culture and Tourism</item>
  </list>
```



```
<item>Deputy Minister of Culture and Tourism</item>
<list>
  <item>General Secretary of Tourism</item>
  <item>General Secretary of Sports</item>
  <item>General Secretary of Culture</item>
  <item>General Secretary for Culture and Tourism
Infrastructure</item>
</list>
</list>
</list>
</structureOrGenealogy>
```

[Table of Contents](#)

< targetEntity >

Target Entity

Summary

A required child element of < relation > used to identify the entity that is being targeted by the relation.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
part	1..n

May occur within

[relation](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional
targetType	Required (values limited to: agent, corporateBody, family, function, person, resource)
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Attribute usage

Use the required @targetType, to identity the type of entity related to in < targetEntity >, using one of the following values: "agent", "corporateBody", "family", "function", "person", or "resource".

Description and Usage

<targetEntity> is used within <relation> to identify an entity that is related to the source entity or records.

<targetEntity> must include at least one <part> element, encoding the name or term for the related entity.

Availability

Required, not repeatable

Examples

```
<relation>
  <targetEntity targetType="resource">
    <part>
      La journée du treize mars. - 1835
    </part>
  </targetEntity>
</relation>
```

```
<relation>
  <targetEntity targetType="person" valueURI="https://d-nb.info/
gnd/117145971" vocabularySource="GND" vocabularySourceURI="https://
d-nb.info/gnd/">
    <part>
      Wasa, Gustav
    </part>
    <part>
      Prinz von
    </part>
    <part>
      1799-1877
    </part>
  </targetEntity>
  <relationType>
    family
  </relationType>
  <targetRole>
    son
  </targetRole>
</relation>
```

[Table of Contents](#)

< targetRole >

Target Role

Summary

An optional child element of < relation > used to specify the role of a related entity with respect to the CPF entity being described.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

[relation](#)

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
localType	Optional
localTypeDeclarationReference	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional
valueURI	Optional
vocabularySource	Optional
vocabularySourceURI	Optional

Description and Usage

< targetRole > is used with < relation > to specify the role of a related entity with respect to the CPF entity being described.
The < targetRole > element contains a textual description of the relation. It is recommended that the terms in < targetRole > be taken from authorized vocabularies.

Availability

Optional, repeatable

Example

```
<relation>
  <targetEntity targetType="person" valueURI="https://d-nb.info/
gnd/119067159X" vocabularySource="GND" vocabularySourceURI="https://
d-nb.info/gnd/">
    <part>Arendt, Max</part>
    <part>1843-1913</part>
  </targetEntity>
  <relationType>
    family
  </relationType>
  <targetRole>
    grandfather
  </targetRole>
</relation>
```

[Table of Contents](#)

< term >

Term

Summary

An element used to encode a descriptive term in accordance with authorized vocabularies or local rules.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

demographicDescription, function, legalStatus, localControl, localDescription, mandate, occupation, otherEntityType

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

< term > is a required child element of < function >, < legalStatus >, < localControl >, < localDescription >, < mandate >, < occupation >, and < otherEntityType >, used to specify a descriptive term in accordance with authorized vocabularies or local rules.

< term > can be repeated within its parent element to include translations of the same term. Use the @languageOfElement attribute to identify the language used in each < term > grouped within a single parent element.

Availability

Required, repeatable

Examples

```
<function>
  <term>
    Estate ownership
  </term>
  <descriptiveNote>
    <p>
      Social, political, and cultural role typical of landed
      aristocracy in England. The first Viscount Campden amassed a
      large fortune in trade in London and purchased extensive estates,
      including Exton (Rutland), and Chipping Campden (Gloucestershire).
      The Barham Court (Kent) estate was the acquisition of the first
      Baron Barham, a successful admiral and naval administrator (First
      Lord of the Admiralty 1805).
    </p>
  </descriptiveNote>
</function>
```

```
<function vocabularySource="AGIFT">
  <term>
    Education and training
  </term>
</function>
```

```
<legalStatus>
  <term scriptOfElement="Latn">
    Organismo de la Administracion Central del Estado
  </term>
  <date standardDate="1769">
    1769
  </date>
</legalStatus>
```

```
<mandate>
  <term>
    Minnesota. Executive Session Laws 1919 c49
  </term>
  <dateRange>
    <fromDate standardDate="1919">
      1919
    </fromDate>
    <toDate standardDate="1925">
      1925
    </toDate>
  </dateRange>
  <descriptiveNote>
    <p>
      Board created in 1919 to receive and examine applications
      for bonuses from Minnesota soldiers.
    </p>
  </descriptiveNote>
</mandate>
```

```
</descriptiveNote>  
</mandate>
```

```
<occupation>  
  <term>  
    Teacher  
  </term>  
</occupation>
```

[Table of Contents](#)

< toDate >

To Date

Summary

A child element of < dateRange > that records the end point in a range of dates.

May contain

Element/content type
[text]

Occurrences

May occur within

dateRange

Attributes

Attribute name

audience

calendar

certainty

conventionDeclarationReference

era

id

languageOfElement

localType

localTypeDeclarationReference

maintenanceEventReference

notAfter

notBefore

scriptOfElement

standardDate

status

sourceReference

target

Attribute values

Optional (values limited to: external, internal)

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional

Optional (values limited to: ongoing, unknown)

Optional

Optional

Attribute usage

Use @certainty to indicate the degree of precision in the dating, for example, "uncertain" or "approximate".

Use @localType to supply a more specific characterization of the start date.

Use @notAfter and @notBefore to capture the latest and earliest possible dates in machine-processable form in cases when the date is uncertain.

Use @standardDate to provide a machine-processable form of the date.

Use @status with the values "unknown" or "ongoing" to indicate where part of a date range is unknown, or the date range is ongoing.

Description and Usage

Use <toDate> to record the end date in a range of dates, whether they be known, approximate or unknown. The content of the element is intended to be a human-readable, natural language expression of the date. If, however, indexing or other machine processing of dates is desired, the @standardDate should be used to record the date in machine-processable form as well.

<toDate> may be omitted from <dateRange>, or the @status attribute used, if the date span is ongoing or the <toDate> is unknown.

Availability

Optional, not repeatable

See also

Use <fromDate> to record the starting point of a date range.

Examples

```
<dateRange>
  <fromDate standardDate="1868">
    1868
  </fromDate>
  <toDate standardDate="1936">
    1936
  </toDate>
</dateRange>
```

```
<dateRange>
  <fromDate status="unknown"/>
  <toDate certainty="uncertain" standardDate="2010?">
    c.2010
  </toDate>
</dateRange>
```

```
<dateRange>
  <fromDate standardDate="2016-09">
    September 2016
```

```
</fromDate>  
<toDate status="ongoing"/>  
</dateRange>
```

[Table of Contents](#)

< useDates >

Dates of Use

Summary

An optional child element of < nameEntry > and < nameEntrySet > that provides the dates when the name or names were used for or by the CPF entity being described.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
date or dateRange or dateSet	1..1

May occur within

nameEntry, nameEntrySet

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
maintenanceEventReference	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Description and Usage

Within < nameEntry >, < useDates > provides the dates during which the name was used for or by the CPF entity. For parallel names (e.g., official forms of the name in different languages and/or scripts), < useDates > may occur in < nameEntrySet > rather than in the individual < nameEntry > elements contained in < nameEntrySet > .
< useDates > must include one of < date >, < dateRange >, or < dateSet > .

Availability

Optional, repeatable

Example

```
<nameEntry status="authorized">
  <part>Technical Subcommittee for Encoded Archival Standards</part>
  <useDates>
    <dateRange>
      <fromDate>2015</fromDate>
      <toDate status="ongoing"/>
    </dateRange>
  </useDates>
</nameEntry>
```

[Table of Contents](#)

< writingSystem >

Writing System

Summary

An optional child element of < languageUsed > that identifies the writing script for a language used by the described entity.

May contain

<i>Element/content type</i>	<i>Occurrences</i>
[text]	

May occur within

languageUsed

Attributes

<i>Attribute name</i>	<i>Attribute values</i>
audience	Optional (values limited to: external, internal)
conventionDeclarationReference	Optional
id	Optional
languageOfElement	Optional
maintenanceEventReference	Optional
scriptCode	Optional
scriptOfElement	Optional
sourceReference	Optional
target	Optional

Attribute usage

Use @scriptCode to provide a code for the writing system itself.
Use @scriptOfElement to provide a code for the writing system in which the element is given.

Description and Usage

An optional element within < languageUsed > that gives the main script used by the entity or records being described.

Availability

Optional, repeatable

Example

```
<languageUsed>  
  <language languageCode="eng">  
    English  
  </language>  
  <writingSystem scriptCode="Latn">  
    Latin  
  </writingSystem>  
</languageUsed>
```

[Table of Contents](#)

Attributes

Introduction

Attributes are associated with most of the elements contained in EAC-CPF. Attributes reflect named properties of an element and may take on different values, depending on the context in which they occur. In order to set one or more attributes, an encoder should include the name of the attribute(s) within the same angle brackets as the start tag, together with the value(s) to which the attribute(s) is/are to be set. That is, `<[tag] [attribute] = "[value]">` or `<[tag] [attribute1] = "[value1]" [attribute2] = "[value2]">` For example: `<fromDate standardDate = "1939"> 1939</fromDate>` or `<fromDate certainty = "approximate" standardDate = "1939"> 1939</fromDate>` Most attributes are optional, though some are required. The attribute description indicates whether an attribute is required. This information is also available in the Attributes section of each element description. The value of attributes may be constrained by the schema using specific attribute type values. For example, the `@id` attribute is of type ID, which constrains its value to a string beginning with an alphabetic character. An id value must be unique within the EAC-CPF instance within which it occurs, that is, no other tag in the entire document can have the same id value. EAC-CPF attributes have the following data types (capitalization of data types follows the documentation found in the W3C Recommendation XML Schema Part 2: Datatypes Second Edition (<http://www.w3.org/TR/xmlschema-2/>):

anyURI:

A Uniform Resource Identifier. This may be a Uniform Resource Locator (URL) or a Uniform Resource Name (URN). Both relative and absolute URIs are allowed.

ID:

Unique identifier. For example, most elements have an id, so that a unique code can be established for and used to refer to that specific element. The content of the id is of the type called "ID". Parsers verify that the value of attributes of type "ID" are unique. The values of id must begin with an alpha, not numeric, character, either upper or lowercase, and may contain a . (period), : (colon), - (hyphen), or _ (underscore), but not a blank space. See also attributes of type "IDREF."

IDREFS:

List of ID reference values; values must match an existing ID of another element in the document.

NMTOKEN:

A name token, which can consist of any alpha or numeric character, as well as a . (period), : (colon), - (hyphen), or _ (underscore), but not a blank space. A

number of attributes in EAC-CPF where a character string from a code list is to be used are of the type "NMTOKEN".

normalizedString:

The most general data type, a string can contain any sequence of characters allowed in XML. Certain characters may have to be represented with an entity reference, for example < for <, and & for &.

token:

A type of string that may not contain carriage return, line feed or tab characters, leading or trailing spaces, and any internal sequence of two or more spaces.

When the EAC-CPF schema limits attribute values to a few choices, those values are declared in the schema in what is known as a "closed list." For example, the values of @audience are limited to either "external" or "internal." Other attributes are associated with semi-closed lists. Such lists include those values believed to be the most useful in many contexts, but other values are allowed. For example, <language> defines several values for @languageEncoding, including "otherLanguageEncoding" which may be used to specify values that are not in the semi-closed list for @languageEncoding. The definitions for some values in the closed and semi-closed lists appear below. The following is a complete list of all the attributes that occur in EAC-CPF, and some discussion of how they may be used. Further, context-specific information about the use of certain attributes may be found in the "Attribute usage" section of the element descriptions.

@addressLineType

Address Line Type

Summary

Used to specify the type of address line encoded in `<addressLine>`.

Description and Usage

Use one of the set values to specify the type of address line encoded in `<addressLine>`. Use the attribute `@localType` in order to encode a local type of address line.

Values

county, country, district, municipality, postBox, postalCode, region, street

Example

```
<address>
  <addressLine languageOfElement="se">
    Kungl. Hovstaterna
  </addressLine>
  <addressLine languageOfElement="se">
    Kungl. Slottet
  </addressLine>
  <addressLine addressLineType="postalCode">
    10770
  </addressLine>
  <addressLine languageOfElement="se"
addressLineType="municipality">
    Stockholm
  </addressLine>
  <addressLine languageOfElement="se" addressLineType="country">
    Sverige
  </addressLine>
  <addressLine languageOfElement="en" addressLineType="country">
    Sweden
  </addressLine>
</address>
```

[Table of Contents](#)

@agentType

Agent Type

Summary

A required attribute of `<agent>` that indicates the type of agent responsible for the creation, modification, or deletion of an EAS instance.

Description and Usage

The attribute's value must be set to "human," "machine," or "unknown," and should correspond to the information recorded in `<agent>`. For example, if the `<agent>` is Jane Marshall, the value of `@agentType` should be set to "human." If the `<agent>` is a database, style sheet, or other system, the value of `@agentType` should be set to "machine." The value of `@agentType` may also be set to "unknown" if the agent and/or type of agent cannot be determined.

Values

human, machine, unknown

Example

```
<maintenanceEvent maintenanceEventType="updated">
  <agent agentType="human">
    A. Smith
  </agent>
  <eventDateTime standardDateTime="2021-12">
    December 2021
  </eventDateTime>
</maintenanceEvent>
```

[Table of Contents](#)

@audience

Audience

Summary

An optional attribute that helps control whether the information contained in the element should be available to all viewers or only to repository staff.

Description and Usage

Available as global attribute for all elements. The attribute can be set to "external" in e.g. cpfDescription in EAC-CPF or archDesc in EAD to allow access to all the information about the entity resp. the materials being described, but specific elements within these sections can also be set to "internal" to reserve that information for repository access only. This feature is intended to assist application software in restricting access to particular information by explicitly identifying data that is potentially sensitive or may otherwise have a limited audience. Special software capability may be needed, however, to prevent the display or export of an element marked "internal" when a whole EAS instance is displayed in a networked environment.

Values

external, internal

Examples

```
<eac audience="external"> [...] </eac>
```

[Table of Contents](#)

@base

Base

Summary

Optional attribute used to specify a base URI that is different to the base URI of the EAS instance.

Description and Usage

Using the optional attribute @base allows any relative URIs provided on attributes of a specific element, or its descendants, to be resolved using the URI provided in that element's or its parent element's @base. Available on <alternativeSet>, <control>, <cpfDescription>, <description>, <eac>, <identity>, <multipleIdentities>, <relations>, and <sources>.

Data Type

anyURI

Examples

```
<description base="https://d-nb.info/gnd/">
  <occupations>
    <occupation vocabularySource="GND" valueURI="4393865-6">
      <term languageOfElement="de">
        Soziologin
      </term>
    </occupation>
    <occupation vocabularySource="GND" valueURI="4629643-8">
      <term languageOfElement="de">
        Politologin
      </term>
    </occupation>
    <occupation vocabularySource="GND" valueURI="4174285-0">
      <term languageOfElement="de">
        Philosophin
      </term>
    </occupation>
    <occupation vocabularySource="GND" valueURI="4333423-4">
      <term languageOfElement="de">
        Historikerin
      </term>
    </occupation>
    <occupation vocabularySource="GND" valueURI="4053311-6">
      <term languageOfElement="de">
        Schriftstellerin
      </term>
    </occupation>
  </occupations>
</description>
```

```

        </term>
    </occupation>
</occupations>
<places>
    <place vocabularySource="GND" valueURI="4099668-2">
        <placeName>
            Linden (Hannover)
        </placeName>
    </place>
    <place vocabularySource="GND" valueURI="4042011-5">
        <placeName>
            New York, NY
        </placeName>
    </place>
    <place vocabularySource="GND" valueURI="4537442-9">
        <placeName>
            Tegna
        </placeName>
    </place>
</places>
</description>

```

[Table of Contents](#)

@calendar

Calendar

Summary

System of reckoning time, such as Gregorian calendar or Julian calendar.

Description and Usage

Suggested values include, but are not limited to, "gregorian" and "julian". Available in <date>, <fromDate>, <toDate>.

Data Type

NMTOKEN

Example

```
<dateRange>
  <fromDate calendar="gregorian" certainty="approximate" era="ce"
    standardDate="1950">
    1950
  </fromDate>
  <toDate calendar="gregorian" certainty="approximate" era="ce"
    standardDate="2000">
    2000
  </toDate>
</dateRange>
```

[Table of Contents](#)

@certainty

Certainty

Summary

The level of confidence for a date.

Description and Usage

The optional attribute @certainty provides level of confidence for the information given in <date>, <fromDate>, or <toDate>, e.g., approximate or circa.

Data Type

NMTOKEN

Example

```
<date certainty="uncertain" standardDate="1968?">  
  c.1968  
</date>
```

[Table of Contents](#)

@contactLineType

Contact Line Type

Summary

Used to specify the type of contact line encoded in `<contactLine>`.

Description and Usage

Use one of the set values to specify the type of contact line encoded in `<contactLine>`. Use the attribute `@localType` to encode a local type of contact line.

Values

directions, email, fax, homepage, mobileNumber, phoneNumber

Example

```
<contact>
  <contactLine contactLineType="phoneNumber">
    08-402 60 00
  </contactLine>
  <contactLine languageOfElement="se" contactLineType="homepage">
    https://www.kungahuset.se/2.1c3432a100d8991c5b80001816.html
  </contactLine>
  <contactLine languageOfElement="en" contactLineType="homepage">
    https://www.kungahuset.se/
    royalcourt.4.367010ad11497db6cba800054503.html
  </contactLine>
</contact>
```

[Table of Contents](#)

@conventionDeclarationReference

Convention Declaration Reference

Summary

Use @conventionDeclarationReference to provide a direct link to a `<conventionDeclaration>` element within `<control>`.

Description and Usage

The attribute can be used to link to a convention or rule that prescribes a method for converting one script into another script (transliteration). It also can be used to link to a national, international, or other rule that governs the construction of a name. This optional attribute is available in elements that can contain text.

Data Type

IDREFS

Example

```
<agent conventionDeclarationReference="cd2">
  <agentName>
    Karin Bredenberg
  </agentName>
  <agentType>
    person
  </agentType>
</agent>
```

[Table of Contents](#)

@coordinateSystem

Coordinate System

Summary

A code for a system used to express geographic coordinates.

Description and Usage

A code for a system used to express geographic coordinates, for example WGS84, (World Geodetic System), OSGB36 (Ordnance Survey Great Britain), or ED50 (European Datum). Required in `<geographicCoordinates>`.

Data Type

token

Examples

```
<geographicCoordinates coordinateSystem="mgrs">  
  33UUU9029819737  
</geographicCoordinates>
```

```
<geographicCoordinates coordinateSystem="WGS84">  
  -81.1, 32.2, -81.0, 32.3  
</geographicCoordinates>
```

[Table of Contents](#)

@countryCode

Country Code

Summary

A unique code representing a country.

Description and Usage

Content of the optional attribute should be a code taken from ISO 3166-1 Codes for the Representation of Names of Countries and their Subdivisions, column A2, or another controlled list, as specified in the @countryEncoding attribute in <control>. Available in <maintenanceAgency> and <placeName>.

Data Type

NMTOKEN

Examples

```
<maintenanceAgency countryCode="IE">
  <agencyCode>
    IE-NAI
  </agencyCode>
  <agencyName>
    National Archives of Ireland
  </agencyName>
</maintenanceAgency>
```

```
<place>
  <placeRole>
    Residence
  </placeRole>
  <placeName countryCode="GR" vocabularySource="ISO3166-2">
    Greece
  </placeName>
</place>
```

[Table of Contents](#)

@countryEncoding

Country Encoding

Summary

Specifies the authoritative source or rules for codes used to identify a country as part of the maintenance agency's location or of describing a geographic feature.

Description and Usage

@countryEncoding specifies the authoritative source or rules for values supplied in @countryCode within <maintenanceAgency> and <placeName>. This can either be the ISO standard 3166-1 or an alternative code list. If the value "otherCountryEncoding" is selected, such an alternate code list should be specified in <conventionDeclaration>. This optional attribute is available only in <control>.

Values

iso3166-1, otherCountryEncoding

Example

```
<control countryEncoding="iso3166-1" dateEncoding="iso8601"
  languageEncoding="otherLanguageEncoding"
  repositoryEncoding="iso15511" scriptEncoding="iso15924">
  [...]
</control>
```

[Table of Contents](#)

@dateEncoding

Date Encoding

Summary

Specifies the authoritative source or rules used to normalize date information.

Description and Usage

@dateEncoding specifies the authoritative source or rules for normalized values supplied in @standardDate within <date>, <fromDate> and <toDate> as well as in @standardDateTime within <eventDateTime>. This can either be the ISO standard 8601 or an alternative code list. If the value "otherDateEncoding" is selected, such an alternate code list should be specified in <conventionDeclaration>. This optional attribute is available only in <control>.

Values

iso8601, otherDateEncoding

Example

```
<control countryEncoding="iso3166-1" dateEncoding="iso8601"
  languageEncoding="otherLanguageEncoding"
  repositoryEncoding="iso15511" scriptEncoding="iso15924">
  [...]
</control>
```

[Table of Contents](#)

@detailLevel

Level of Detail

Summary

Provides information about the level of detail of the entity's description within the EAS instance.

Description and Usage

An optional attribute within `<control>`, used to provide information about the level of detail in accordance with relevant description guidelines and/or rules of the entity's description, from a fixed set of values.

Values

basic, extended, minimal

Example

```
<control countryEncoding="iso3166-1" dateEncoding="iso8601"
  detailLevel="basic" languageEncoding="iso639-2b"
  repositoryEncoding="iso15511" scriptEncoding="iso15924">
  [...]
</control>
```

[Table of Contents](#)

@era

Era

Summary

Period during which years are numbered and dates reckoned.

Description and Usage

Period during which years are numbered and dates reckoned, such as CE (Common Era) or BCE (Before Common Era). Suggested values include "ce" and "bce". This optional attribute is available in `<date>`, `<fromDate>`, and `<toDate>`

Data Type

NMTOKEN

Example

```
<dateRange>
  <fromDate calendar="gregorian" certainty="approximate" era="ce"
    standardDate="1950">
    1950
  </fromDate>
  <toDate calendar="gregorian" certainty="approximate" era="ce"
    standardDate="2000">
    2000
  </toDate>
</dateRange>
```

[Table of Contents](#)

@href

Hypertext Reference

Summary

The address for a remote resource.

Description and Usage

The optional @href attribute takes the form of a Uniform Resource Identifier (URI). Available in <contactLine>, <reference>, <representation>, <setComponent> and <source>.

Data Type

anyURI

Example

```
<conventionDeclaration id="cd1">
  <reference href="https://www.legifrance.gouv.fr/loda/id/
JORFTEXT000033553530/">
    Décret n° 2016-1689 du 8 décembre 2016 fixant le nom, la
    composition et le chef-lieu des circonscriptions administratives
    régionales - Légifrance
  </reference>
</conventionDeclaration>
```

[Table of Contents](#)

@id

ID

Summary

A unique identifier to name the element.

Description and Usage

An identifier that must be unique within the current document and is used to name the element so that it can be referred to, or referenced from, somewhere else in the record. This facilitates building links between the element and other resources within the current document. Use `@target`, `@conventionDeclarationReference`, `@localTypeDeclarationReference`, `@maintenanceEventReference`, or `@sourceReference` to link to an `@id` attribute within the EAS instance.

Data Type

ID

Examples

```
<occupations>
  <occupation>
    <term>
      Assistant examiner - level III
    </term>
    <placeName target="#place1">
      Bern
    </placeName>
  </occupation>
</occupations>
<places>
  <place id="place1">
    <placeName>
      Bern
    </placeName>
    <placeRole>
      Place of work
    </placeRole>
  </place>
</places>
```

[Table of Contents](#)

@identityType

Identity Type

Summary

Indicates whether the identity is given or acquired. May be useful for processing when multiple identities are described in the same instance.

Description and Usage

The @identityType may occur on <identity>. Though optional, it is recommended that it be used when multiple identities are described in the same EAS instance using <multipleIdentities>. It will enable processors to distinguish between the description of a person and one or more personae.

Values

acquired, given

Example

```
<identity identityType="acquired" localType="pseudonym"  
  localTypeDeclarationReference="LT001"> [...] </identity>
```

[Table of Contents](#)

@languageCode

Language Code

Summary

The code for the language used in the EAS instance or by the records or entity being described.

Description and Usage

Content of the attribute should be a code taken from ISO 639-1, ISO 639-2b, ISO 639-3, IETF BCP 47 or another controlled list, as specified in the @languageEncoding attribute in <control>. Required in <languageDeclaration> and optionally available in <language>.

Data Type

NMTOKEN

Example

```
<languagesUsed>
  <languageUsed>
    <language languageCode="eng">
      English
    </language>
    <writingSystem scriptCode="Latn">
      Latin
    </writingSystem>
  </languageUsed>
  <languageUsed>
    <language languageCode="spa">
      Spanish
    </language>
    <writingSystem scriptCode="Latn">
      Latin
    </writingSystem>
  </languageUsed>
  <descriptiveNote>
    <p>
      Published works in English and Spanish.
    </p>
  </descriptiveNote>
</languagesUsed>
```

[Table of Contents](#)

@languageEncoding

Language Encoding

Summary

Specifies the authoritative source or rules for codes used to identify the language of the EAS instance as a whole, of a specific element, or represented in the creative work of the CPF entity being described.

Description and Usage

@languageEncoding specifies the authoritative source or rules for values supplied in @languageCode within <languageDeclaration> and <language> and in @languageOfElement available in all non-empty elements. This can either be one of the ISO standards 639-1, 639-2b, and 639-3, the IETF BCP 47 language tag or an alternative code list. If the value "otherLanguageEncoding" is selected, such an alternate code list should be specified in <conventionDeclaration>. This optional attribute is available only in <control>.

Values

iso639-1, iso639-2b, iso639-3, ietf-bcp-47, otherLanguageEncoding

Example

```
<control countryEncoding="iso3166-1" dateEncoding="iso8601"
  languageEncoding="otherLanguageEncoding"
  repositoryEncoding="iso15511" scriptEncoding="iso15924">
  [...]
</control>
```

[Table of Contents](#)

@languageOfElement

Language of Element

Summary

Indicates the language of the content of an element.

Description and Usage

Content of the attribute should be a code taken from ietf-bcp-47, ISO 639-1, ISO 639-2, ISO 639-3, or another controlled list, as specified in the @languageEncoding attribute in <control>. May be used consistently in a multi-lingual EAS instance to specify which elements are written in which language. Optionally available on all non-empty elements.

Data Type

NMTOKEN

Example

```
<agencyName languageOfElement="eng">  
  Berlin State Library - Prussian Cultural Heritage, Kalliope Union  
  Catalog  
</agencyName>
```

[Table of Contents](#)

@linkRole

Link Role

Summary

A URI that characterizes the nature of the remote resource to which a linking element refers.

Description and Usage

A URI that characterizes the nature of the remote resource to which a linking element refers. Optionally available in `<contactLine>`, `<reference>`, `<representation>`, `<setComponent>`, and `<source>`.

Data Type

anyURI

Example

```
<reference href="https://deliberation.maregionsud.fr/
docs/ASSEMBLEEPLENIERE/2017/12/15/DELIBERATION/D0V0Q.pdf"
  linkRole="document/pdf">
  DELIBERATION N° 17-1166, 15 DECEMBRE 2017
</reference>
```

[Table of Contents](#)

@linkTitle

Link Title

Summary

Viewable caption of a link text.

Description and Usage

Information that serves as a viewable caption which explains to users the part that a remote resource plays in a link. May be used alongside any @href attribute in order to support accessibility guidelines, such as those defined within the W3C's Web Content Accessibility Guidelines (WCAG). Optionally available in <contactLine>, <reference>, <representation>, <setComponent>, and <source>.

Data Type

token

Examples

```
<setComponent href="http://nla.gov.au/anbd.aut-an35995526"
  linkTitle="Hill, Dorothy, 1907-1997 - Full record view - Libraries
  Australia Search">
  <componentEntry>
    Libraries Australia record.
  </componentEntry>
</setComponent>
```

[Table of Contents](#)

@listType

List Type

Summary

Specifies the type of list.

Description and Usage

An ordered list is a numbered or lettered list; an unordered list is one in which sequence is not critical (e.g., a bulleted list). Optionally available only on `<list>`.

Values

ordered, unordered

Example

```
<list listType="unordered">
  <head>
    List of ministers of May Memorial Unitarian Universalist
    Church
  </head>
  <item>
    John Storer, Minister 1839-1844
  </item>
  <item>
    Samuel Joseph May, Minister 1845-1868
  </item>
  <item>
    Samuel R. Calthrop, Minister 1868-1911
  </item>
  <item>
    John H. Applebee, Minister 1911-1929
  </item>
  <item>
    Waldemar W. Argow, Minister 1930-1941
  </item>
  <item>
    Robert E. Romig, Minister 1941-1946
  </item>
  <item>
    Glenn O. Canfield, Minister 1946-1952
  </item>
  <item>
    John Fuller, Minister, 1961-1973
  </item>
</list>
```

```
</item>  
</list>
```

[Table of Contents](#)

@localType

Local Type

Summary

This optional attribute provides a means to narrow the semantics of an element, or provide semantics for elements that are primarily structural or semantically weak.

Description and Usage

The value of @localType may be from a local or generally used external vocabulary. While the value of @localType may be any string, to facilitate exchange of data, it is recommended that the value be either the URI or the preferred label for a term defined in a formal vocabulary (e.g., SKOS), which is identified by an absolute URI, and is resolvable to a web resource that describes the semantic scope and use of the value. Local conventions or controlled vocabularies used in @localType may be declared in `<localTypeDeclaration>` within `<control>`. @localTypeDeclarationReference should always be used alongside @localType to provide a direct link to the `<localTypeDeclaration>`.

Data Type

token

Examples

```
<nameEntry status="authorized">
  <part localType="https://d-nb.info/standards/elementset/
gnd#personalName" localTypeDeclarationReference="GNDO">
    Arendt, Hannah
  </part>
  <part localType="https://d-nb.info/standards/elementset/
gnd#dateOfBirthAndDeath" localTypeDeclarationReference="GNDO">
    1906-1975
  </part>
</nameEntry>
```

[Table of Contents](#)

@localTypeDeclarationReference

Local Type Declaration Reference

Summary

Use @localTypeDeclarationReference to provide a direct link to a <localTypeDeclaration> element within <control> from another element using @localType within the EAS instance.

Description and Usage

@localTypeDeclarationReference should always be used when @localType is used, in order to link to the local type declaration.

Data Type

IDREFS

Examples

```
<nameEntry status="authorized">
  <part localType="https://d-nb.info/standards/elementset/
gnd#personalName" localTypeDeclarationReference="GNDO">
    Arendt, Hannah
  </part>
  <part localType="https://d-nb.info/standards/elementset/
gnd#dateOfBirthAndDeath" localTypeDeclarationReference="GNDO">
    1906-1975
  </part>
</nameEntry>
```

[Table of Contents](#)

@maintenanceEventReference

Maintenance Event Reference

Summary

Use @maintenanceEventReference to provide a direct link to a `<maintenanceEvent>` element within `<maintenanceHistory>`.

Description and Usage

The attribute can be used to link to a maintenance event in order to verify any assertion added to the entity's description. The attribute is optionally available in all elements in the identity area (except `<entityType>`), in the description area, and in the relations area. The attribute is optionally available in all elements that can contain text and are available outside of `<control>`.

Data Type

IDREFS

Examples

```
<maintenanceHistory>
  <maintenanceEvent maintenanceEventType="updated" id="me2">
    <agent agentType="human">
      K. Bredenberg
    </agent>
    <eventDateTime>
      May 2024
    </eventDateTime>
    <eventDescription>
      Relation added
    </eventDescription>
  </maintenanceEvent>
</maintenanceHistory>
[...]
<relation sourceReference="source1" maintenanceEventReference="me2">
  <targetEntity targetType="corporateBody"
valueURI="https://snaccooperative.org/ark:/99166/w63z1x39"
vocabularySourceURI="https://snaccooperative.org">
    <part>
      Princeton University
    </part>
  </targetEntity>
  <relationType valueURI="https://www.wikidata.org/wiki/Q166118"
vocabularySourceURI="https://www.wikidata.org/">
```

```

    agency or institution responsible for the preservation and
    communication of records selected for permanent preservation
    </relationType>
</relation>

```

```

<maintenanceHistory>
  <maintenanceEvent maintenanceEventType="updated" id="me2">
    <agent agentType="human">
      K. Bredenberg
    </agent>
    <eventDateTime>
      May 2024
    </eventDateTime>
    <eventDescription>
      Relation added
    </eventDescription>
  </maintenanceEvent>
</maintenanceHistory>
[...]
<relation sourceReference="source1" maintenanceEventReference="me2">
  <targetEntity targetType="corporateBody"
    valueURI="https://snaccooperative.org/ark:/99166/w63z1x39"
    vocabularySourceURI="https://snaccooperative.org">
    <part>
      Princeton University
    </part>
  </targetEntity>
  <relationType valueURI="https://www.wikidata.org/wiki/
Property:P69" vocabularySourceURI="https://www.wikidata.org/">
    educated at
  </relationType>
</relation>

```

[Table of Contents](#)

@maintenanceEventType

Maintenance Event Type

Summary

A required attribute of <maintenanceEvent> that provides a controlled list of values for recording the type of maintenance activity.

Description and Usage

Identifies the type of maintenance event with values such as:

cancelled: marks an instance as not current (obsolete or rejected), but retained for reference

created: the initial creation of the EAS instance

deleted: indication that the instance has been deleted from the system

derived: indicates that the instance was derived from another descriptive system

revised: any type of general modification to the EAS instance

unknown: when the type of event is not known

updated: when an instance has been brought up to date with significant changes to the materials being described or to the version of EAS used

Values

cancelled, created, deleted, derived, revised, unknown, updated

Example

```
<maintenanceHistory>
  <maintenanceEvent maintenanceEventType="derived">
    <agent agentType="machine">
      XSLT ead2cpf.xsl/Saxon B9
    </agent>
    <eventDateTime
      standardDateTime="2009-08-30T09:37:17.029-04:00"/>
  </maintenanceEvent>
</maintenanceHistory>
```

```
<eventDescription>
  Derived from EAD instance.
</eventDescription>
</maintenanceEvent>
<maintenanceEvent maintenanceEventType="revised">
  <agent agentType="unknown"/>
  <eventDateTime standardDateTime="2021-11-27"/>
</maintenanceEvent>
<maintenanceEvent maintenanceEventType="updated">
  <agent agentType="human">
    K. Bredenberg
  </agent>
  <eventDateTime>
    December 2021
  </eventDateTime>
</maintenanceEvent>
</maintenanceHistory>
```

[Table of Contents](#)

@maintenanceStatus

Maintenance Status

Summary

The current drafting status of the EAS instance.

Description and Usage

The maintenance status must occur on `<control>`. As an EAS instance is modified or other events happen to it (as recorded in the `<maintenanceHistory>` element), the maintenance status should also be updated to reflect the current drafting status. On first creation the status would be "new", which on revision can be changed to "revised". Because it is important to be clear about what has happened to records, particularly when sharing and making links between them, a number of status values are available for records that are no longer current. A record that is simply deleted from a system can be given the status "deleted", but in cases where a record is marked as not current (obsolete or rejected) but kept for reference then it should be given the status "cancelled". If a record is deleted because it has become superseded by two or more records then its status should be given as "deletedSplit", while if it has simply been replaced by a new record then "deletedReplaced" is the appropriate status value. If a record is deleted because it has been merged with another record, its status should be given as "deletedMerged". A "derived" status value is available to indicate that the record was derived from another descriptive system.

Values

cancelled, deleted, deletedMerged, deletedReplaced, deletedSplit, derived, new, revised

Examples

```
<control countryEncoding="iso3166-1" dateEncoding="iso8601"
  languageEncoding="iso639-2b" maintenanceStatus="new"
  publicationStatus="published" repositoryEncoding="iso15511"
  scriptEncoding="iso15924">
  [...]
</control>
```

[Table of Contents](#)

@notAfter

Not After

Summary

A standard numerical form of an approximate date for which a latest possible date is known.

Description and Usage

Optionally available in `<date>`, `<fromDate>`, and `<toDate>`. It is recommended that `@notAfter` values follow ISO 8601 or another standard date format as specified in `@dateEncoding`.

Data Type

token

Example

```
<dateRange>
  <fromDate notBefore="1971" notAfter="1975">
    around 1973
  </fromDate>
  <toDate standardDate="1992">
    1992
  </toDate>
</dateRange>
```

[Table of Contents](#)

@notBefore

Not Before

Summary

A standard numerical form of an approximate date for which an earliest possible date is known.

Description and Usage

Optionally available in `<date>`, `<fromDate>`, and `<toDate>`. It is recommended that `@notBefore` values follow ISO 8601 or another standard date format as specified in `@dateEncoding`.

Data Type

token

Example

```
<dateRange>
  <fromDate notBefore="1971" notAfter="1975">
    around 1973
  </fromDate>
  <toDate standardDate="1992">
    1992
  </toDate>
</dateRange>
```

[Table of Contents](#)

@preferredForm

Preferred Form

Summary

Attribute that specifies whether or not a name provides the preferred form of the entity's name for display purposes

Description and Usage

Attribute that specifies whether or not a `<nameEntry>` provides the preferred form of the name of the EAS entity for display purposes in a given context. Use the value "true" if the name entry is preferred for any display purposed. This optional attribute is only available in `<nameEntry>`.

Values

false, true

Example

```
<nameEntrySet languageOfElement="fre">
  <nameEntry conventionDeclarationReference="cd1"
    preferredForm="true">
    <part>
      Provence-Alpes-Côte d'Azur
    </part>
  </nameEntry>
  <nameEntry conventionDeclarationReference="cd2">
    <part>
      Région Sud Provence-Alpes-Côte d'Azur
    </part>
  </nameEntry>
  <nameEntry conventionDeclarationReference="cd3">
    <part>
      Provence-Alpes-Côte-d'Azur
    </part>
  </nameEntry>
</nameEntrySet>
```

[Table of Contents](#)

@publicationStatus

Publication Status

Summary

The current publication status of the EAS instance.

Description and Usage

The publication status may occur on `<control>` to indicate the current publication status of the EAS instance, for example in process, approved or final. As an EAS instance is modified or other events happen to it (as recorded in the `<maintenanceHistory>` element), the publication status should also be updated. A newly created EAS instance will usually start with a publication status of "inProcess". This partial and preliminary status will be applicable as long as the author or the creating agency is working on the document. Depending on the context, the document might first reach a pre-publication level, awaiting approval e.g. by a higher level manager or an authorizing agency. Once such approval has been given, the status "approved" could be assigned for internal purposes while the EAS instance is not publicly available yet. When the EAS instance has been published on the institution's own website or via the authorizing agency, the status "published" can be assigned.

Values

approved, inProcess, published

Example

```
<control countryEncoding="iso3166-1" dateEncoding="iso8601"
  languageEncoding="iso639-3" maintenanceStatus="new"
  publicationStatus="published" repositoryEncoding="iso15511"
  scriptEncoding="iso15924">
  [...]
</control>
```

[Table of Contents](#)

@repositoryEncoding

Repository Encoding

Summary

Specifies the authoritative source or rules for codes used to identify the maintenance agency of an EAS instance.

Description and Usage

@repositoryEncoding specifies the authoritative source or rules for values used within <agencyCode>. This can either be the ISO standard 15511 or an alternative code list. If the value "otherRepositoryEncoding" is selected, such an alternate code list should be specified in <conventionDeclaration>. This optional attribute is available only in <control>.

Values

iso15511, otherRepositoryEncoding

Example

```
<control countryEncoding="iso3166-1" dateEncoding="iso8601"
  languageEncoding="iso639-2b" repositoryEncoding="iso15511"
  scriptEncoding="iso15924">
  [...]
</control>
```

[Table of Contents](#)

@scriptCode

Script Code

Summary

The code for the writing system, or script, used in the EAS instance or by the described entity or records.

Description and Usage

Content of the attribute should be a code taken from ISO 15924, or another controlled list, as specified in the @scriptEncoding attribute in <control>. Optionally available in <languageDeclaration> and <writingSystem>.

Data Type

NMTOKEN

Example

```
<languagesUsed>
  <languageUsed>
    <language languageCode="eng">
      English
    </language>
    <writingSystem scriptCode="Latn">
      Latin
    </writingSystem>
  </languageUsed>
  <languageUsed>
    <language languageCode="spa">
      Spanish
    </language>
    <writingSystem scriptCode="Latn">
      Latin
    </writingSystem>
  </languageUsed>
  <descriptiveNote>
    <p>
      Published works in English and Spanish.
    </p>
  </descriptiveNote>
</languagesUsed>
```

[Table of Contents](#)

@scriptEncoding

Script Encoding

Summary

Specifies the authoritative source or rules for codes used to identify the writing system of the EAS instance as a whole or, of a specific element, or represented in the creative work of the CPF entity being described.

Description and Usage

@scriptEncoding specifies the authoritative source or rules for values supplied in @scriptCode within <languageDeclaration> and <writingSystem> and in @scriptOfElement available in all non-empty elements. This can either be the ISO standard 15924 or an alternative code list. If the value "otherScriptEncoding" is selected, such an alternate code list should be specified in <conventionDeclaration>. This optional attribute is available only in <control>.

Values

iso15924, otherScriptEncoding

Example

```
<control countryEncoding="iso3166-1" dateEncoding="iso8601"
  languageEncoding="iso639-2b" repositoryEncoding="iso15511"
  scriptEncoding="iso15924">
  [...]
</control>
```

[Table of Contents](#)

@scriptOfElement

Script of Element

Summary

Indicates the writing script of the content of an element (e.g., Cyrillic, Katakana).

Description and Usage

Content should be taken from ISO 15924, or another controlled list, as specified in the @scriptEncoding attribute in <control>. May be used consistently in a multi-lingual EAS instance to specify which elements are written in which script. Optionally available on all non-empty elements.

Data Type

NMTOKEN

Example

```
<nameEntry status="alternative">
  <part localType="https://d-nb.info/standards/elementset/
gnd#personalName" localTypeDeclarationReference="GNDO"
  scriptOfElement="Hans">
    阿伦特, 汉娜
  </part>
</nameEntry>
```

[Table of Contents](#)

@sourceReference

Source Reference

Summary

Use @sourceReference to provide a direct link to a <source> element within <sources> in <control> from an element within the EAS instance that uses the source.

Description and Usage

The attribute can be used to reference any detailed information about the described entity with a source. The attribute is optionally available in elements which can contain text.

Data Type

IDREFS

Example

```
<relation sourceReference="source1" maintenanceEventReference="me2">
  <targetEntity targetType="corporateBody"
    valueURI="https://snaccooperative.org/ark:/99166/w63z1x39"
    vocabularySourceURI="https://snaccooperative.org">
    <part>
      Princeton University
    </part>
  </targetEntity>
  <relationType valueURI="https://www.wikidata.org/wiki/Q166118"
    vocabularySourceURI="https://www.wikidata.org/">
    agency or institution responsible for the preservation and
    communication of records selected for permanent preservation
  </relationType>
</relation>
```

[Table of Contents](#)

@standardDate

Standard Date

Summary

The standardized form of date.

Description and Usage

The standardized form of date expressed in `<date>`, `<fromDate>`, and `<toDate>`. It is recommended that @standardDate values follow ISO 8601, for example, 2011-07-22, 1963, or 1912-11, or another standard date format as specified in @dateEncoding.

Data Type

token

Example

```
<dateRange>
  <fromDate standardDate="1609-07-04">
    4 juillet 1609
  </fromDate>
  <toDate standardDate="1640-07-07">
    7 juillet 1640
  </toDate>
</dateRange>
```

[Table of Contents](#)

@standardDateTime

Standard Date and Time

Summary

Standardized form of a date, or date and time in `<eventDateTime>`.

Description and Usage

An ISO 8601 compliant form of the date, or date and time, of a specific maintenance event expressed in `<eventDateTime>`. For example, 2021-12-31, 2021, 2021-12, 2021-12-31T23:59:59. Optionally available only in `<eventDateTime>`. It is recommended to either have the date and time stated as a literal in `<eventDateTime>` or to provide a standardised date with `@standardDateTime`, if not using both options in parallel. Note that the requirement of ISO 8601 compliance for `@standardDateTime` is different from the usage of the attribute `@standardDate`, which can also follow other date encoding rules as specified in `@dateEncoding` within `<control>`.

Data Type

Constrained to the following patterns: YYYY-MM-DD, YYYY-MM, YYYY, or YYYY-MM-DDThh:mm:ss [with optional timezone offset from UTC in the form of [+|-][hh:mm], or "Z" to indicate the dateTime is UTC. No timezone implies the dateTime is UTC.]

Examples

```
<maintenanceEvent maintenanceEventType="revised">
  <agent agentType="unknown"/>
  <eventDateTime standardDateTime="2021-11-27"/>
</maintenanceEvent>
```

[Table of Contents](#)

@status

Status

Summary

Attribute that follows controlled terminology detailing the status of elements.

Description and Usage

@status provides controlled terminology detailing the status of specific elements. The terms available for @status are defined in closed lists that vary by element. Optionally available in <agencyCode>, <otherAgencyCode>, <date>, <fromDate>, <nameEntry>, <toDate>.

Values

Values in <agencyCode>, <otherAgencyCode>, <nameEntry>: alternative, authorized Values in <date>, <fromDate>: unknown Values in <toDate>: unknown, ongoing

Examples

```
<nameEntry languageOfElement="de" preferredForm="true"
  status="authorized" localType="native">
  <part localType="surname">
    Arendt
  </part>
  <part localType="firstname">
    Hannah
  </part>
</nameEntry>
```

```
<dateRange>
  <fromDate standardDate="2016-09">
    September 2016
  </fromDate>
  <toDate status="ongoing"/>
</dateRange>
```

```
<date status="unknown"/>
```

[Table of Contents](#)

@style

Style

Summary

Used to specify a rendering style for a string. It is recommended that the value conforms to W3C CSS.

Description and Usage

The @style attribute may occur on `` and `<list>`. In a limited number of contexts that accommodate discursive description, `` with @style may be used to identify an arbitrary string that is intended to be rendered in a specific style. @style may be used within `<list>` to specify the style of a list. It is highly recommended that the value of @style be expressed as a W3C CSS style to facilitate interoperability.

Data Type

normalizedString

Example

```
<biogHist>
  <p>
    Robert Carlton Brown (1886-1959) was a writer, editor,
    publisher, and traveler. From 1908 to 1917, he wrote poetry and
    prose for numerous magazines and newspapers in New York City,
    publishing two pulp novels, <span style="font-style:italic">What
    Happened to Mary</span> and <span style="font-style:italic">The
    Remarkable Adventures of Christopher Poe</span> (1913), and one
    volume of poetry, <span style="font-style:italic">My Marjonary</
    span> (1916).
  </p>
  <p>
    During 1918, he traveled extensively in Mexico and Central
    America, writing for the U.S. Committee of Public Information
    in Santiago de Chile. In 1919, he moved with his wife, Rose
    Brown, to Rio de Janeiro, where they founded <span style="font-
    style:italic">Brazilian American</span>, a weekly magazine that
    ran until 1929. With Brown's mother, Cora, the Browns also
    established magazines in Mexico City and London: <span style="font-
    style:italic">Mexican American</span> (1924-1929) and <span
    style="font-style:italic">British American</span> (1926-1929).
  </p>
</biogHist>
```

Table of Contents

@target

Target

Summary

A pointer to the ID of another element.

Description and Usage

Used to create internal links within an XML instance. Optionally available in all elements except the root element.

Data Type

IDREFS

Example

```
<occupations>
  <occupation>
    <term>Assistant examiner - level III</term>
    <placeName target="#place1">Bern</placeName>
  </occupation>
</occupations>
<places>
  <place id="place1">
    <placeName>Bern</placeName>
    <placeRole>Place of work</placeRole>
  </place>
</places>
```

[Table of Contents](#)

@targetType

Target Type

Summary

Identifies the type of entity related to the entity or records being described.

Description and Usage

Required attribute within <targetEntity> which identifies the type of entity that is related to the entity or records being described. Use the value "agent" only for migration from EAC-CPF 2010 to EAC 2.0.

Values

agent, corporateBody, family, function, person, resource

Examples

```
<targetEntity targetType="resource">
  <part>
    Mémorial du colonel Gustafsson. - 1829
  </part>
</targetEntity>
```

```
<targetEntity targetType="person" valueURI="https://d-nb.info/
gnd/120636123" vocabularySource="GND" vocabularySourceURI="https://
d-nb.info/gnd/">
  <part>
    Sophie
  </part>
  <part>
    Baden, Großherzogin
  </part>
  <part>
    1801-1865
  </part>
</targetEntity>
```

[Table of Contents](#)

@unit

Unit

Summary

Defines a unit of measurement to go along with the value provided.

Description and Usage

Use @unit to document the format or unit that is specified in `< citedRange >`, for example page number ("pageNumber") or volume number ("volumeNumber").

Data Type

token

Examples

```
<citedRange unit="page">1</citedRange>
```

[Table of Contents](#)

@value

Value

Summary

Defines the type of entity described in the EAC-CPF instance.

Description and Usage

Required attribute within the <entityType> element that defines the type of entity described in the EAC-CPF instance.

Values

corporateBody, family, person

Example

```
<entityType value="person"/>
```

[Table of Contents](#)

@valueURI

Value URI

Summary

An attribute for including a URI identifying the resource to be used as the element's value.

Description and Usage

Use the optional @valueURI attribute to provide the URI identifying the authority resource to be used as the element's content. Available in all elements that can contain any type of entity.

Data Type

anyURI

Example

```
<place>
  <placeName valueURI="https://d-nb.info/gnd/4076982-3"
    vocabularySource="GND" vocabularySourceURI="https://d-nb.info/
gnd/">
    Salzburg
  </placeName>
  <placeRole valueURI="https://d-nb.info/standards/
elementset/gnd#characteristicPlace" vocabularySource="GND0"
    vocabularySourceURI="https://d-nb.info/standards/elementset/gnd#">
    Charakteristischer Ort
  </placeRole>
</place>
```

[Table of Contents](#)

@vocabularySource

Vocabulary Source

Summary

An attribute for identifying a vocabulary that is the source of the element's value.

Description and Usage

Use the optional attribute to provide a name or title of the authority or vocabulary source of the element's content given in @valueURI. Available in all elements that can contain any type of entity.

Data Type

token

Example

```
<occupation valueURI="https://d-nb.info/gnd/4053311-6"
  vocabularySource="GND" vocabularySourceURI="https://d-nb.info/
gnd/">
  <term>
    Schriftstellerin
  </term>
</occupation>
```

[Table of Contents](#)

@vocabularySourceURI

Vocabulary Source URI

Summary

An optional attribute for including a URI identifying the vocabulary source for the element's value.

Description and Usage

Use the optional attribute to provide the URI of the authority or vocabulary source given in @vocabularySource. Available in all elements that can contain any type of entity.

Data Type

anyURI

Example

```
<place>
  <placeName valueURI="https://d-nb.info/gnd/4005728-8"
    vocabularySource="GND" vocabularySourceURI="https://d-nb.info/
gnd/">
    Berlin
  </placeName>
  <placeRole valueURI="https://d-nb.info/standards/
elementset/gnd#placeOfBusiness" vocabularySource="GND"
    vocabularySourceURI="https://d-nb.info/standards/elementset/gnd#">
    Sitz
  </placeRole>
</place>
```

[Table of Contents](#)