



Emergency Data Exchange Language (EDXL) Customer Information Quality (CIQ) Profile Version 1.0

Committee Specification Draft 03

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This prose specification is one component of a Work Product which also includes:

- XML schemas: <http://docs.oasis-open.org/emergency/edxl-ciq/v1.0/csd03/xsd/>

Declared XML namespaces:

- `urn:oasis:names:tc:emergency:edxl:ciq:1.0`

Abstract:

This CIQ Profile describes a subset of components and component types from the Customer Information Quality (CIQ) standard, useful for describing persons and organizations, chosen for reuse across the suite of Emergency Data Exchange Language (EDXL) standards. This subset is intended for internal use by the Emergency Management Technical Committee and its subcommittees as they develop specific standards utilizing these types.

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1 Introduction

[All text is normative unless otherwise labeled]

This document describes common components and component types for describing persons and organizations that can be reused across the suite of Emergency Data Exchange Language (EDXL) standards. These particular components are derived from the Customer Information Quality (CIQ) standard. See http://www.oasis-open.org/committees/tc_home.php?wg_abbrev=ciq#overview for more information about CIQ, including the quick summary provided here:

The objective of the OASIS CIQ Technical Committee (formed in 2000) is to deliver a set of XML Specifications for defining, representing, interoperating and managing "PARTY (Person or Organisation) CENTRIC INFORMATION" that are truly open, vendor neutral, industry and application independent, and importantly "Global" (ability to represent international data formats such as different types of party names and addresses used in 241+ countries).

The CIQ family of specifications are designed to represent party data (e.g. name and address) independent of any culture, geographical location, application or industry at an abstract (simple representation of data - free text format) or detailed (complex representation, i.e. breaking the data into its atomic elements - structured format) level from a data integrity and quality perspective and therefore, is truly a "global" (International) specification for representing party information.

The Emergency Management Technical Committee has the need to represent basic person and organization information across its standards and has chosen to reuse the important work performed by the OASIS CIQ Technical Committee; however, to make this reuse easy and understandable, the EM TC has authorized the development of this "profile" which is a set of schema which utilize only a portion of the entire CIQ schema and which create XML fragments which validate against those schema.

This document is intended for internal use by the Emergency Management Technical Committee and its subcommittees as they develop specific standards utilizing these types. The goal is to enable reuse of components which are commonly used in specifications and which have been designed based on lessons learned from the development of the Common Alert Protocol 1.1, the Distribution Element 1.0, Hospital Availability and Resource Messaging. The first use of this CIQ profile is intended to be in Situation Reports 1.0 and the Distribution Element 2.0. The components will be used and expanded as needed for future EDXL specifications.

1.1 Terminology

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in [RFC2119].

1.2 Normative References

[RFC2119] S. Bradner, *Key words for use in RFCs to Indicate Requirement Levels*, <http://www.ietf.org/rfc/rfc2119.txt>, IETF RFC 2119, March 1997.

[RFC2046] N. Freed, *Multipurpose Internet Mail Extensions (MIME) Part Two: Media Types*, <http://www.ietf.org/rfc/rfc2046.txt>, IETF RFC 2046, November 1996.

- [RFC3066]** H. Alvestrand, Tags for the Identification of Languages, <http://www.ietf.org/rfc/rfc3066.txt>, IETF RFC 3066, January 2001.
- [WGS 84]** National Geospatial Intelligence Agency, Department of Defense World Geodetic System 1984, http://earth-info.nga.mil/GandG/tr8350_2.html, NGA Technical Report TR8350.2, January 2000.
- [XML 1.0]** T. Bray, *Extensible Markup Language (XML) 1.0 (Third Edition)*, <http://www.w3.org/TR/REC-xml/>, W3C REC-XML-20040204, February 2004.
- [namespaces]** T. Bray, *Namespaces in XML*, <http://www.w3.org/TR/REC-xml-names/>, W3C REC-xml-names-19990114, January 1999.
- [dateTime]** N. Freed, *XML Schema Part 2: Datatypes Second Edition*, <http://www.w3.org/TR/xmlschema-2/#dateTime>, W3C REC-xmlschema-2, October 2004.
- [OASIS CIQ]** OASIS Committee Specification 01, Customer Information Quality (CIQ) Specifications Version 3.0, Name (xNL), Address (xAL), and Party (xPIL), October 2008 <http://docs.oasis-open.org/ciq/v3.0/specs/ciq-specs-v3.html>

1.3 Non-Normative References

- [EDXL GFR]** *EDXL General Functional Requirements*, http://www.oasis-open.org/committees/document.php?document_id=10031&wg_abbrev=emergency, November 2004.
- [EDXL-DE IG]** *EDXL Distribution Element Implementer's Guide*, http://www.oasis-open.org/committees/document.php?document_id=14120&wg_abbrev=emergency, August 2005.

2 Design Principles & Concepts (non-normative)

2.1 Design Philosophy

Below are some of the guiding principles of the EDXL CIQ Profile:

1. Provide a method to capture and reuse xml types and elements for representing persons and organizations which are commonly needed across multiple EDXL standards.
2. Provide flexible mechanisms to update the EDXL CIQ Profile efficiently, without slowing down the EDXL standards development process.
3. Allow for easy updates to capture fixes or improvements.
4. Ease the reuse and understanding of the basic CIQ person and organization elements and types important for emergency management.
5. Speed the development of EDXL Standards through reuse of common components and thereby improve information sharing and data exchange across the local, state, tribal, national and non-governmental organizations of different professions that provide emergency response and management services.
6. Support the integration of data elements from profiles which enables efficient and effective reuse of other important open standards.

2.2 Structural Summary

About multiplicity notation: “[l..h]” designates range from lower bound l to higher bound h, with both l and h *Natural* numbers, $0 \leq l \leq h$, plus option “*” (unbounded) for h.

About notation: “(.., ..)” lists attributes.

2.2.1 CIQ Top Level Elements

Element/Type

Party: PartyType

PartyName [0..1]: PartyNameType

Addresses [0..1]: Address

ContactNumbers [0..1]: ContactNumber

ElectronicAddressIdentifiers [0..1]: ElectronicAddressIdentifier

Identifiers [0..1]: Identifier

OrganisationInfo [0..1]

PersonDetails: PersonDetailsType

xnl:PersonName [1..*]: PersonNameType

Addresses [0..1]: Address

ContactNumbers [0..1]: ContactNumber

ElectronicAddressIdentifiers [0..1]: ElectronicAddressIdentifier

Identifiers [0..1]: Identifier

Schema

edxl-xPIL.xsd

edxl-xNL.xsd

edxl-xPIL.xsd

“

“

“

“

edxl-xPIL.xsd

edxl-xNL.xsd

edxl-xPIL.xsd

“

“

“

| | |
|--|---------------|
| OrganisationDetails: OrganisationDetailsType | edxl-xPIL.xsd |
| xnl:OrganisationName [1..*]: OrgansationNameType | edxl-xNL.xsd |
| Addresses [0..1]: Address | edxl-xPIL.xsd |
| ContactNumbers [0..1]: ContactNumber | “ |
| ElectronicAddressIdentifiers [0..1]: ElectronicAddressIdentifier | “ |
| OrganisationInfo [0..1] | “ |

2.2.2 CIQ Elements

| <u>Element/Type</u> | <u>Schema</u> |
|--|---------------|
| Address [0..*]: AddressType | edxl-xAL.xsd |
| FreeTextAddress [0..1] | “ |
| AddressLine [1..*] | “ |
| Country [0..1]: CountryType | “ |
| NameElement [1..1] | “ |
| AdministrativeArea [0..1] | “ |
| NameElement [1..*] | “ |
| SubAdministrativeArea [0..1] | “ |
| NameElement [1..*] | “ |
| Locality [0..1] | “ |
| NameElement [1..*] | “ |
| SubLocality [0..1] | “ |
| NameElement [1..*] | “ |
| Thoroughfare [0..1]: ThoroughfareType | “ |
| NameElement [1..1] + attributes | “ |
| or | |
| Number [1..1]: IdentifierType | “ |
| PostCode [0..1] | “ |
| Identifier [1..*]: IdentifierType | “ |
| ContactNumber [1..*] | edxl-xPIL.xsd |
| ContactNumberElement [0..*] + attributes | “ |
| ElectronicAddressIdentifier [1..*] + attributes | “ |
| Identifier [1..*] | “ |
| IdentifierElement [0..*] + attributes | “ |
| IssuerName [0..1]: xnl:OrganisationNameType + attributes | “ |
| NameElement [0..*] | edxl-xNL.xsd |
| SubDivisionName [0..*] | “ |
| OrganisationInfo + attributes | edxl-xPIL.xsd |

3 CIQ Profile Structure (normative)

3.1 Data Dictionary

3.1.1 CIQ Elements

Namespaces and prefixes used below include:

```
xs="http://www.w3.org/2001/XMLSchema"
ct="urn:oasis:names:tc:emergency:edxl:ciq:1.0:ct"
xpil="urn:oasis:names:tc:emergency:edxl:ciq:1.0:edxl-xpil"
<no prefix>="urn:oasis:names:tc:emergency:edxl:ciq:1.0:edxl-xpil"
xal="urn:oasis:names:tc:emergency:edxl:ciq:1.0:xal"
xnl="urn:oasis:names:tc:emergency:edxl:ciq:1.0:xnl"
```

| Element | Party |
|--------------|--|
| BaseType | xnl:PartyType |
| Usage | OPTIONAL [0..1] |
| Schema | edxl-xPIL.xsd |
| Definition | A container for defining the unique characteristics of a party, which can be a person or an organization. |
| Comments | |
| Sub-elements | <ul style="list-style-type: none">• PartyName [0..1]• Addresses [0..1]• ContactNumbers [0..1]• ElectronicAddressIdentifiers [0..1]• Identifiers [0..1]• OrganisationInfo [0..1] |
| Used In | Top level element |
| Example | |

| Element | PersonDetails |
|------------|---|
| BaseType | PersonDetailsType |
| Usage | OPTIONAL [0..1] |
| Schema | edxl-xPIL.xsd |
| Definition | A container for defining the unique characteristics of a person only. |
| Comments | |

| | |
|--------------|---|
| Sub-elements | <ul style="list-style-type: none"> • xnl:PersonName [1..*] • Addresses [0..1] • ContactNumbers [0..1] • ElectronicAddressIdentifiers [0..1] • Identifiers [0..1] |
| Used In | Top level element |
| Example | <pre> <PersonDetails> <xnl:PersonName> <xnl:NameElement>Mary Smith</xnl:NameElement> </xnl:PersonName> </PersonDetails> </pre> |

| | |
|----------------|--|
| Element | OrganisationDetails |
| BaseType | OrganisationDetailsType |
| Usage | OPTIONAL [0..1] |
| Schema | edxl-xPIL.xsd |
| Definition | A container for defining the unique characteristics of an organisation only. |
| Comments | Note the English spelling of “Organisation” |
| Sub-elements | <ul style="list-style-type: none"> • xnl:OrganisationName [1..*] • Addresses [0..1] • ContactNumbers [0..1] • ElectronicAddressIdentifiers [0..1] • OrganisationInfo [0..1] |
| Used In | Top level element |
| Example | <pre> <OrganisationDetails> <xnl:OrganisationName> <xnl:NameElement>Mary Smith</xnl:NameElement> </xnl:OrganisationName> </OrganisationDetails> </pre> |

| | |
|----------------|---|
| Element | Addresses |
| BaseType | complexType |
| Usage | OPTIONAL [0..1] |
| Schema | edxl-xPIL.xsd |
| Definition | A container for one or more Address elements |
| Comments | |
| Sub-elements | Address [0..*] |
| Used In | <ul style="list-style-type: none"> • OrganisationDetails • Party • PersonDetails |

| | |
|----------|--|
| Examples | |
|----------|--|

| | |
|----------------|--|
| Element | Address |
| BaseType | xal:AddressType |
| Usage | OPTIONAL [0..*] |
| Definition | A container for an address. |
| Comments | |
| Sub-elements | <ul style="list-style-type: none"> FreeTextAddress [0..1] Country [0..1] AdministrativeArea [0..1] Locality [0..1] Thoroughfare [0..1] PostCode [0..1] |
| Used In | Addresses |
| Examples | <pre><ct:ValueListURI>http://example.com/mylist</ct:ValueListURI></pre> <pre><ct:ValueListURI> urn:oasis:names:tc:emergency:EDXL:DE:2.0:Defaults:DistributionType </ct:ValueListURI></pre> |

| | |
|----------------|---|
| Element | [Address.]FreeTextAddress |
| BaseType | complexType |
| Usage | OPTIONAL [0..1] |
| Definition | A container for free text address elements where address elements are not parsed. |
| Comments | |
| Sub-elements | AddressLine [1..*] of type ct:String |
| Used In | Address |
| Examples | |

| | |
|----------------|--------------------------------------|
| Element | [Address.]Country |
| BaseType | CountryType |
| Usage | OPTIONAL [0..1] |
| Definition | Country details. |
| Comments | |
| Sub-elements | NameElement [1..1] of type ct:String |

| | |
|----------|---------|
| Used In | Address |
| Examples | |

| | |
|----------------|---|
| Element | [Address.Country.] NameElement |
| BaseType | ct:String |
| Usage | REQUIRED [1..1] |
| Definition | Data associated with the name of the country in whatever form available, e.g. full, abbreviation, common use, code of the country, etc. |
| Comments | |
| Sub-elements | None |
| Used In | Address.Country |
| Examples | |

| | |
|----------------|---|
| Element | [Address.] AdministrativeArea |
| BaseType | complexType |
| Usage | OPTIONAL [0..1] |
| Definition | Details of the top-level area division in the country, such as state, district, province, island, region, etc. Note that some countries do not have this. |
| Comments | |
| Sub-elements | <ul style="list-style-type: none"> NameElement [1..*] SubAdministrativeArea [0..1] |
| Used In | Address |
| Examples | |

| | |
|----------------|--|
| Element | [Address.AdministrativeArea.] NameElement |
| BaseType | ct:String |
| Usage | REQUIRED [1..1] |
| Definition | Data associated with the Administrative Area. e.g. Full name of administrative area or part of it. eg. MI in USA, NSW in Australia, reference location to the administrative area. |
| Comments | |
| Sub-elements | None |
| Used In | Address.AdministrativeArea |
| Examples | |

| | |
|---------------------|---|
| Element | [Address.AdministrativeArea.] SubAdministrativeArea |
| BaseType | complexType |
| Usage | OPTIONAL [0..1] |
| Definition | The next level down division of the area. E.g. state / county, province / reservation. Note that not all countries have a sub-administrative area |
| Comments | |
| Sub-elements | NameElement [1..*] |
| Used In | Address.AdministrativeArea |
| Examples | |

| | |
|---------------------|--|
| Element | [Address.AdministrativeArea.SubAdministrativeArea.] NameElement |
| BaseType | ct:String |
| Usage | REQUIRED [1..*] |
| Definition | Data associated with the SubAdministrativeArea. e.g. Full name of sub-administrative area or part of it. |
| Comments | |
| Sub-elements | None |
| Used In | Address.AdministrativeArea.SubAdministrativeArea |
| Examples | |

| | |
|---------------------|---|
| Element | [Address.] Locality |
| BaseType | complexType |
| Usage | OPTIONAL [0..1] |
| Definition | Details of Locality which is a named densely populated area (a place) such as town, village, suburb, etc. A locality composes of many individual addresses. Many localities exist in an administrative area or a sub administrative area. A locality can also have sub localities. For example, a municipality locality can have many villages associated with it which are sub localities. Example: Tamil Nadu State, Erode District, Bhavani Taluk, Paruvachi Village is a valid address in India. Tamil Nadu is the Administrative Area, Erode is the sub admin area, Bhavani is the locality, and Paruvachi is the sub locality |
| Comments | |
| Sub-elements | <ul style="list-style-type: none"> NameElement [1..*] of type ct:String SubLocality [0..1] |
| Used In | Address |

| | |
|----------|--|
| Examples | |
|----------|--|

| | |
|---------------------|---|
| Element | [Address.Locality.] NameElement |
| BaseType | ct:String |
| Usage | REQUIRED [1..*] |
| Definition | Data associated with the locality. e.g. full name of the locality or part of it, reference location to the locality |
| Comments | |
| Sub-elements | None |
| Used In | Address.Locality |
| Examples | |

| | |
|---------------------|---|
| Element | [Adress.Locality.] SubLocality |
| BaseType | complexType |
| Usage | OPTIONAL [0..1] |
| Definition | A locality that is smaller and is contained within the boundaries of its parent locality. Note that not all localities have sub-locality. For example, many areas within a locality where each area is a sub-locality |
| Comments | |
| Sub-elements | NameElement [1..*] |
| Used In | Address.Locality |
| Examples | |

| | |
|---------------------|--|
| Element | [Address.Locality.SubLocality.] NameElement |
| BaseType | ct:String |
| Usage | REQUIRED [1..*] |
| Definition | Data associated with the sub-locality. e.g. Full name of the locality or part of it, reference location to the locality. |
| Comments | |
| Sub-elements | None |
| Used In | Address.Locality.SubLocality |
| Examples | |

| | |
|---------------------|---|
| Element | [Address.] Thoroughfare |
| BaseType | ThoroughfareType |
| Usage | OPTIONAL [0..1] |
| Definition | Details of the Access route along which buildings/lot/land are located, such as street, road, channel, crescent, avenue, etc. This also includes canals/banks on which houses/boat houses are located where people live |
| Comments | The Type attribute represents the type of thoroughfare. e.g. primary road, secondary road, road branch (e.g. Lane 14), road sub branch (e.g. Alley 21), adjoining street, cross street, closest street, etc |
| Attributes | Type: ThoroughfareTypeList (see xAL-types.xsd) |
| Sub-elements | Choice [1..*] between <ul style="list-style-type: none"> NameElement [1..1] OR Number [1..1] |
| Used In | Address |
| Examples | |

| | |
|---------------------|---|
| Element | [Address.Thoroughfare.] NameElement |
| BaseType | ct:String |
| Usage | REQUIRED [1..1] |
| Definition | Data associated with the thoroughfare details. e.g. Full thoroughfare name or part of it, type of thoroughfare, old name, new name, reference data in support of the thoroughfare |
| Comments | |
| Attributes | <ul style="list-style-type: none"> ct:grAbbreviation - xs:boolean (see CommonTypes.xsd) NameType: ThoroughfareNameTypeList (see xAL-types.xsd) |
| Sub-elements | None |
| Used In | Address.Thoroughfare |
| Examples | |

| | |
|-------------------|---|
| Element | [Address.Thoroughfare.] Number |
| BaseType | IdentifierType extends ct:String |
| Usage | REQUIRED [1..1] |
| Definition | Data associated with the number of the thoroughfare. E.g. 39 in 39 Baker Street, street |

| | |
|--------------|---|
| | range, street suffix |
| Comments | The Type attribute indicates which part of number or identifier this element contains. Some "numbers" are as simple as 42 and some "numbers" are more like complex alphanumeric identifiers as Postcodes in UK or Canada, e.g. M2H 2S5. It may be necessary to separate the "number" into sub-elements and indicate what type of information each of them contains. |
| Attributes | <ul style="list-style-type: none"> Type: IdentifierElementTypeList (see xAL-types.xsd) ct:grAbbreviation - xs: boolean (see CommonTypes.xsd) |
| Sub-elements | None |
| Used In | Address.Thoroughfare |
| Examples | |

| | |
|----------------|--|
| Element | [Address.]PostCode |
| BaseType | complexType |
| Usage | OPTIONAL [0..1] |
| Definition | A container for a single free text or structured postcode. Note that not all countries have post codes |
| Comments | The postcode is formatted according to country-specific rules. Example: SW3 0A8-1A, 600074, 2067. This element can also be used to define the semantics of what each code in the post code means |
| Sub-elements | Identifier [1..*] |
| | |
| Used In | Address |
| Examples | |

| | |
|----------------|---|
| Element | [Address.PostCode.]Identifier |
| BaseType | IdentifierType extends ct:String |
| Usage | REQUIRED [1..*] |
| Definition | The postcode is formatted according to country-specific rules. Example: SW3 0A8-1A, 600074, 2067. This element can also be used to define the semantics of what each code in the post code means |
| Comments | The Type attribute indicates which part of number or identifier this element contains. Some "numbers" are as simple as 42 and some "numbers" are more like complex alphanumeric identifiers as Postcodes in UK or Canada, e.g. M2H 2S5. It may be necessary to separate the "number" into sub-elements and indicate what type of information each of them contains. |
| Attributes | <ul style="list-style-type: none"> Type: IdentifierElementTypeList (see xAL-types.xsd) |

| | |
|--------------|---|
| | <ul style="list-style-type: none"> ct:grAbbreviation - xs: boolean (see CommonTypes.xsd) |
| Sub-elements | None |
| Used In | Address.PostCode |
| Examples | |

| | |
|----------------|---|
| Element | ContactNumbers |
| BaseType | complexType |
| Usage | OPTIONAL [0..1] |
| Schema | edxl-xPIL.xsd |
| Definition | A container for all kinds of telecommunication lines of party used for contact purposes. e.g. phone, fax, mobile, pager, etc. |
| Comments | |
| Sub-elements | ContactNumber [1..*] |
| Used In | <ul style="list-style-type: none"> Party PersonDetails OrganisationDetails |
| Examples | |

| | |
|----------------|--|
| Element | ContactNumber |
| BaseType | complexType |
| Usage | REQUIRED [1..*] |
| Definition | Universal telecommunication number structure |
| Comments | |
| Attributes | <ul style="list-style-type: none"> CommunicationMediaType: CommunicationMediaTypeList (xPIL-types.xsd) Usage: ContactNumberUsageList (see xPIL-types.xsd) ContactHours: ct:String |
| Sub-elements | ContactNumberElement [0..*] |
| Used In | ContactNumbers |
| Examples | |

| | |
|----------------|--|
| Element | [ContactNumber.] ContactNumberElement |
|----------------|--|

| | |
|--------------|---|
| BaseType | ct:String |
| Usage | OPTIONAL [0..*] |
| Definition | Full contact number or part of it |
| Comments | |
| Attributes | Type: ContactNumberElementList (see xPIL-types.xsd) |
| Sub-elements | None |
| Used In | ContactNumber |
| Examples | |

| | |
|----------------|---|
| Element | ElectronicAddressIdentifiers |
| BaseType | complexType |
| Usage | OPTIONAL [0..1] |
| Schema | edxl-xPIL.xsd |
| Definition | A container of different types of electronic addresses of party (e.g. email, chat, skype, etc) |
| Comments | |
| Sub-elements | ElectronicAddressIdentifier [1..*] |
| Used In | <ul style="list-style-type: none"> • Party • PersonDetails • OrganisationDetails |
| Examples | |

| | |
|----------------|--|
| Element | ElectronicAddressIdentifier |
| BaseType | ct:String |
| Usage | REQUIRED [1..*] |
| Definition | Universal telecommunication number structure |
| Comments | |
| Attributes | <ul style="list-style-type: none"> • Type: ElectronicAddressIdentifierTypeList (see xPIL-types.xsd) • Usage: ElectronicAddressIdentifierUsageList (see xPIL-types.xsd) |
| Sub-elements | None |
| Used In | ElectronicAddressIdentifiers |
| Examples | |

| | |
|----------------|---|
| Element | Identifiers |
| BaseType | complexType |
| Usage | OPTIONAL [0..1] |
| Schema | edxl-xPIL.xsd |
| Definition | A container for a list of Identifiers to recognise the party such as customer identifier, social security number, tax number, etc |
| Comments | |
| Sub-elements | Identifier [1..*] |
| Used In | <ul style="list-style-type: none"> Party PersonDetails |
| Examples | |

| | |
|----------------|---|
| Element | Identifier |
| BaseType | complexType |
| Usage | REQUIRED [1..*] |
| Definition | Identifier to recognise the party such as customer identifier, social security number, National ID Card, tax number, business number, company number, company registration, etc |
| Comments | |
| Attributes | Type: PartyIdentifierTypeList (see xPIL-types.xsd) |
| Sub-elements | <ul style="list-style-type: none"> IdentifierElement [0..*] IssuerName [0..1] |
| Used In | Identifiers |
| Examples | |

| | |
|----------------|---|
| Element | [Identifier.]IdentifierElement |
| BaseType | ct:String |
| Usage | OPTIONAL [0..*] |
| Definition | Information about the identifier |
| Comments | |
| Attributes | Type: PartyIdentifierElementList (see xPIL-types.xsd) |
| Sub-elements | |

| | |
|----------|------------|
| Used In | Identifier |
| Examples | |

| | |
|----------------|---|
| Element | [Identifier.]IssuerName |
| BaseType | xnl:OrganisationNameType |
| Usage | OPTIONAL [0..1] |
| Definition | Reference to a Party element that describes the issuing organisation |
| Comments | |
| Attributes | <ul style="list-style-type: none"> OrganisationID: ct:String OrganisationIDType: OrganisationIDTypeList (see xNL-types.xsd) |
| Sub-elements | <ul style="list-style-type: none"> NameElement [0..*]: ct:String SubDivisionName [0..*]: ct:String |
| Used In | Identifier |
| Examples | |

| | |
|----------------|---|
| Element | OrganisationInfo |
| BaseType | complexType |
| Usage | |
| Definition | Container for organisation specific details that are not covered in this schema that is common to a party |
| Comments | |
| Attributes | <ul style="list-style-type: none"> Type: OrganisationInfoTypeList (see xPIL-types.xsd) CategoryType: OrganisationCategoryTypeList (see xPIL-types.xsd) Status: ct:StatusList (see CommonTypes.xsd) Nature: OrganisationInfoNatureList (see xPIL-types.xsd) IndustryType: IndustryTypeList (see xPIL-types.xsd) IndustryCode: IndustryCodeList (see xPIL-types.xsd) IndustryCodeType: ct:String NumberOfEmployees: ct:String OperatingHourStartTime: xs:time OperatingHourEndTime: xs:time anyAttribute from namespace="##other" AttributeGroups: ct:grDataQuality (see CommonTypes.xsd) <ul style="list-style-type: none"> DataQualityType: DataQualityTypeList (see CommonTypes.xsd) ValidFrom: xs:dateTime ValidTo: xs:dateTime |
| Sub-elements | None |

| | |
|----------|--|
| Used In | <ul style="list-style-type: none"> Party OrganisationDetails |
| Examples | |

3.1.2 Enumerated Types

| | |
|------------------|---|
| Attribute | CategoryType |
| BaseType | OrganisationCategoryTypeList |
| Usage | |
| Definition | List of category the organisation belongs to |
| Comments | The OrganisationCategoryTypeList is found in xPIL-types.xsd. |
| Values | Vendor, GovernmentAgency, University, College, School, Club, Association, Consortium, Company |
| Used In | OrganisationInfo |
| Examples | |

| | |
|------------------|---|
| Attribute | DataQualityType |
| BaseType | ct:DataQualityTypeList |
| Usage | |
| Definition | A list of values to indicate the level of reliability of the data |
| Comments | The DataQualityTypeList is found in CommonTypes.xsd. |
| Values | Valid, Invalid |
| Used In | OrganisationInfo |
| Examples | |

| | |
|------------------|---|
| Attribute | [IdentifierElement.]Type |
| BaseType | PartyIdentifierElementList |
| Usage | |
| Definition | List of information types used for describing party identifiers |
| Comments | The PartyIdentifierElementList is found in xPIL-types.xsd. |
| Values | Identifier, IssuingCountryName |
| Used In | IdentifierElement |
| Examples | |

| | |
|-------------------|---|
| Attribute | [Identifier.]Type |
| BaseType | PartyIdentifierTypeList |
| Usage | |
| Definition | List of identifier types |
| Comments | The PartyIdentifierTypeList is found in xPIL-types.xsd. |
| Values | TaxID, CompanyID, NationalID, RegistrationID |
| Used In | Identifier |
| Examples | |

| | |
|-------------------|--|
| Attribute | [ElectronicAddressIdentifier.]Type |
| BaseType | ElectronicAddressIdentifierTypeList |
| Usage | |
| Definition | List of electronic address identifiers |
| Comments | The ElectronicAddressIdentifierTypeList is found in xPIL-types.xsd. |
| Values | AIM, EMAIL, GOOGLE, GIZMO, ICQ, JABBER, MSN, SIP, SKYPE, URL, XRI, YAHOO |
| Used In | ElectronicAddressIdentifier |
| Examples | |

| | |
|-------------------|---|
| Attribute | [ContactNumberElement.]Type |
| BaseType | ContactNumberElementList |
| Usage | |
| Definition | List of information types used for phone number details |
| Comments | The ContactNumberElementList is found in xPIL-types.xsd. |
| Values | CountryCode, AreaCode, LocalNumber, Extension, Pin, Separator, National-Number, InternationalNumber |
| Used In | ContactNumberElement |
| Examples | |

| | |
|------------------|-------------------------------|
| Attribute | CommunicationMediaType |
|------------------|-------------------------------|

| | |
|-------------------|--|
| BaseType | CommunicationMediaTypeIdList |
| Usage | |
| Definition | List of communication media types used for contact purposes |
| Comments | The CommunicationMediaTypeIdList is found in xPIL-types.xsd. |
| Values | Cellphone, Fax, Pager, Telephone, VOIP |
| Used In | ContactNumber |
| Examples | |

4 Conformance

The last numbered section in the specification must be the Conformance section. Conformance Statements/Clauses go here.

TBD

Appendix A Acknowledgements

The following individuals have participated in the creation of this specification and are gratefully acknowledged:

Participants

Don McGarry, MITRE Corp., Member
Jeff Waters, DoD, Member
Werner Joerg, IEM Inc., Member

Appendix B Non-Normative Text

Appendix C Revision History

| Revision | Date | Editor | Changes Made |
|----------|------------|--------------|---|
| WD01 | 03/02/2011 | Jeff Waters | Initial setup |
| WD02 | 04/21/2011 | Werner Joerg | Completion, clean up, ready for TC review |
| | 05/10/2011 | Werner Joerg | Fixed link for [WGS 84] reference |
| WD03 | 07/28/2011 | Werner Joerg | Fixed xPIL namespace |
| WD04 | 12/19/2011 | Werner Joerg | Adapted to naming convention: replaced underscores “_” (in edxl_xAL, edxl_xNL and edxl_xPIL) with “-” |