

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.521

Corrigendum 1
(04/2012)

SERIES X: DATA NETWORKS, OPEN SYSTEM
COMMUNICATIONS AND SECURITY

Directory

Information technology – Open Systems
Interconnection – The Directory: Selected object
classes

Technical Corrigendum 1

Recommendation ITU-T X.521 (2005) – Technical
Corrigendum 1

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**Information technology – Open Systems Interconnection –
The Directory: Selected object classes**

Technical Corrigendum 1

History

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FOREWORD

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The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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INTERNATIONAL STANDARD

RECOMMENDATION ITU-T

**Information technology – Open Systems Interconnection –
The Directory: Selected object classes**

Technical Corrigendum 1

(covering resolution to defect report 357)

1) Correction of the defects reported in defect report 357

Update B.2 to B.12 of Annex B as shown:

B.2 Organization

Attribute type **organizationName** is used for naming.

The root or an entry of object class, **country** or **locality** can be the immediate superior of entries of object class **organization**.

NOTE – When the organization is directly under the root, this denotes an international organization. The naming values of the **organizationName** attribute for international organizations must all be distinct.

```

sr2  STRUCTURE-RULE ::= {
      NAME FORM      orgNameForm
      ID              2 }

sr3  STRUCTURE-RULE ::= {
      NAME FORM      orgNameForm
      SUPERIOR RULES { sr1.&id }
      ID              3 }

sr4  STRUCTURE-RULE ::= {
      NAME FORM      orgNameForm
      SUPERIOR RULES { sr5.&id | sr6.&id | sr7.&id | sr8.&id | sr9.&id }
      ID              4 }

```

B.3 Locality

Attribute type **localityName** or **stateOrProvinceName** is used for naming.

NOTE – For naming locality using **stateOrProvinceName**, see B.12.

The root or an entry of object class **country**, **locality**, **organization** or **organizationalUnit** can be the immediate superior of entries of object class **locality**.

```

sr5  STRUCTURE-RULE ::= {
      NAME FORM      locNameForm
      ID              5 }

sr6  STRUCTURE-RULE ::= {
      NAME FORM      locNameForm
      SUPERIOR RULES { sr1.&id }
      ID              6 }

sr7  STRUCTURE-RULE ::= {
      NAME FORM      locNameForm
      SUPERIOR RULES { sr5.&id | sr6.&id | sr7.&id | sr8.&id | sr9.&id }
      ID              7 }

sr8  STRUCTURE-RULE ::= {
      NAME FORM      locNameForm

```

```

SUPERIOR RULES { sr2.<u>id</u> | sr3.<u>id</u> | sr4.<u>id</u> }
ID              8 }

```

```

sr9 STRUCTURE-RULE ::= {
  NAME FORM      locNameForm
  SUPERIOR RULES { sr10.<u>id</u> | sr11.<u>id</u> | sr12.<u>id</u> }
  ID              9 }

```

B.4 Organizational Unit

Attribute type `organizationalUnitName` is used for naming.

An entry of object class `organization`, `organizationalUnit`, `locality` or `domainComponent` can be the immediate superior of entries of object class `organizationalUnit`.

```

sr10 STRUCTURE-RULE ::= {
  NAME FORM      orgUnitNameForm
  SUPERIOR RULES { sr2.<u>id</u> | sr3.<u>id</u> | sr4.<u>id</u> }
  ID              10 }

```

```

sr11 STRUCTURE-RULE ::= {
  NAME FORM      orgUnitNameForm
  SUPERIOR RULES { sr10.<u>id</u> | sr11.<u>id</u> | sr12.<u>id</u> }
  ID              11 }

```

```

sr12 STRUCTURE-RULE ::= {
  NAME FORM      orgUnitNameForm
  SUPERIOR RULES { sr5.<u>id</u> | sr6.<u>id</u> | sr7.<u>id</u> | sr8.<u>id</u> | sr9.<u>id</u> }
  ID              12 }

```

B.5 Organizational Person

Attribute type `commonName` and optionally `organizationalUnitName` is used for naming.

An entry of object class `organization` or `organizationalUnit` can be the immediate superior of entries of object class `organizationalPerson`.

```

sr13 STRUCTURE-RULE ::= {
  NAME FORM      orgPersonNameForm
  SUPERIOR RULES { sr2.<u>id</u> | sr3.<u>id</u> | sr4.<u>id</u> }
  ID              13 }

```

```

sr14 STRUCTURE-RULE ::= {
  NAME FORM      orgPersonNameForm
  SUPERIOR RULES { sr10.<u>id</u> | sr11.<u>id</u> | sr12.<u>id</u> }
  ID              14 }

```

B.6 Organizational Role

Attribute type `commonName` is used for naming.

An entry of object class `organization` or `organizationalUnit` can be the immediate superior of entries of object class `organizationalRole`.

```

sr15 STRUCTURE-RULE ::= {
  NAME FORM      orgRoleNameForm
  SUPERIOR RULES { sr2.<u>id</u> | sr3.<u>id</u> | sr4.<u>id</u> }
  ID              15 }

```

```

sr16 STRUCTURE-RULE ::= {
  NAME FORM      orgRoleNameForm
  SUPERIOR RULES { sr10.<u>id</u> | sr11.<u>id</u> | sr12.<u>id</u> }
  ID             16 }

```

B.7 Group of Names

Attribute type **commonName** is used for naming.

Entries of object classes **locality**, **organization** or **organizationalUnit** can be the immediate superior of entries of object class **groupOfNames**.

```

sr17 STRUCTURE-RULE ::= {
  NAME FORM      gonNameForm
  SUPERIOR RULES { sr5.<u>id</u> | sr6.<u>id</u> | sr7.<u>id</u> | sr8.<u>id</u> | sr9.<u>id</u> }
  ID             17 }

```

```

sr18 STRUCTURE-RULE ::= {
  NAME FORM      gonNameForm
  SUPERIOR RULES { sr2.<u>id</u> | sr3.<u>id</u> | sr4.<u>id</u> }
  ID             18 }

```

```

sr19 STRUCTURE-RULE ::= {
  NAME FORM      gonNameForm
  SUPERIOR RULES { sr10.<u>id</u> | sr11.<u>id</u> | sr12.<u>id</u> }
  ID             19 }

```

B.8 Residential Person

Attribute type **commonName** and optionally attribute type **streetAddress** is used for naming.

An entry of object class **locality** is the immediate superior of entries of object class **residentialPerson**.

```

sr20 STRUCTURE-RULE ::= {
  NAME FORM      resPersonNameForm
  SUPERIOR RULES { sr5.<u>id</u> | sr6.<u>id</u> | sr7.<u>id</u> | sr8.<u>id</u> | sr9.<u>id</u> }
  ID             20 }

```

B.9 Application Entity

Attribute type **commonName** is used for naming.

An entry of object class **applicationProcess** is the immediate superior of entries of object class **applicationEntity**.

```

sr21 STRUCTURE-RULE ::= {
  NAME FORM      applEntityNameForm
  SUPERIOR RULES { sr24.<u>id</u> | sr25.<u>id</u> }
  ID             21 }

```

B.10 Device

Attribute type **commonName** is used for naming.

An entry of object class **organization** or **organizationalUnit** can be the immediate superior of entries of object class **device**.

```

sr22 STRUCTURE-RULE ::= {
  NAME FORM      deviceNameForm
  SUPERIOR RULES { sr2.<u>id</u> | sr3.<u>id</u> | sr4.<u>id</u> }
  ID             22 }

```

```

sr23 STRUCTURE-RULE ::= {
  NAME FORM      deviceNameForm
  SUPERIOR RULES { sr10.<u>id</u> | sr11.<u>id</u> | sr12.<u>id</u> }
  ID             23 }

```

B.11 Application Process

Attribute type `commonName` is used for naming.

An entry of object class `organization` or `organizationalUnit` can be the immediate superior of entries of object class `applicationProcess`.

```

sr24 STRUCTURE-RULE ::= {
  NAME FORM      applProcessNameForm
  SUPERIOR RULES { sr2.<u>id</u> | sr3.<u>id</u> | sr4.<u>id</u> }
  ID             24 }

sr25 STRUCTURE-RULE ::= {
  NAME FORM      applProcessNameForm
  SUPERIOR RULES { sr10.<u>id</u> | sr11.<u>id</u> | sr12.<u>id</u> }
  ID             25 }

```

B.12 Alternative Structure Rule for Locality

If the `stateOrProvinceName` attribute type is used for naming locality and locality constrained to existing only as an immediate subordinate of country, then one additional structure rule is required to define this.

```

sr26 STRUCTURE-RULE ::= {
  NAME FORM      sOPNameForm
  SUPERIOR RULES { sr1.<u>id</u> }
  ID             26 }

```

In addition the structure rules `sr4`, `sr7`, `sr12`, `sr17`, and `sr20` must be modified to include `sr26` within their respective list of superior structure rule as follows.

```

sr4 STRUCTURE-RULE ::= {
  NAME FORM      orgNameForm
  SUPERIOR RULES { sr5.<u>id</u> | sr6.<u>id</u> | sr7.<u>id</u> | sr8.<u>id</u> | sr9.<u>id</u> | sr26.<u>id</u> }
  ID             4 }

sr7 STRUCTURE-RULE ::= {
  NAME FORM      locNameForm
  SUPERIOR RULES { sr5.<u>id</u> | sr6.<u>id</u> | sr7.<u>id</u> | sr8.<u>id</u> | sr9.<u>id</u> | sr26.<u>id</u> }
  ID             7 }

sr12 STRUCTURE-RULE ::= {
  NAME FORM      orgUnitNameForm
  SUPERIOR RULES { sr5.<u>id</u> | sr6.<u>id</u> | sr7.<u>id</u> | sr8.<u>id</u> | sr9.<u>id</u> | sr26.<u>id</u> }
  ID             12 }

sr17 STRUCTURE-RULE ::= {
  NAME FORM      gonNameForm
  SUPERIOR RULES { sr5.<u>id</u> | sr6.<u>id</u> | sr7.<u>id</u> | sr8.<u>id</u> | sr9.<u>id</u> | sr26.<u>id</u> }
  ID             17 }

sr20 STRUCTURE-RULE ::= {
  NAME FORM      resPersonNameForm
  SUPERIOR RULES { sr5.<u>id</u> | sr6.<u>id</u> | sr7.<u>id</u> | sr8.<u>id</u> | sr9.<u>id</u> | sr26.<u>id</u> }
  ID             20 }

```


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