-- to be defined

```
entrySecurityPolicy ATTRIBUTE
    WITH ATTRIBUTE-SYNTAX                                          60
    SecurityPolicy ::= {attributeType 18}

dsaDefaultSecurityPolicy ATTRIBUTE
    WITH ATTRIBUTE-SYNTAX
    SecurityPolicy ::= {attributeType 19}

dsaPermittedSecurityPolicy ATTRIBUTE
    WITH ATTRIBUTE-SYNTAX
    SecurityPolicy ::= {attributeType 20}
                                                                   70
inheritedAttribute InheritedAttribute ::= {attributeType 21}

execVector ATTRIBUTE
    WITH ATTRIBUTE-SYNTAX
    PrintableString ::= {attributeType 22}

relayDSA ATTRIBUTE
    WITH ATTRIBUTE-SYNTAX
    distinguishedNameSyntax ::= {attributeType 23}
                                                                   80
subordinateReference SubordinateReference ::= {attributeType 25}

crossReference Crossreference ::= {attributeType 26}

nonSpecificSubordinateReference NonSpecificSubordinateReference
                        ::= {attributeType 27}

listenAddress ATTRIBUTE
    WITH ATTRIBUTE-SYNTAX
    PresentationAddress ::= {attributeType 28}                     90

cachedEDB ATTRIBUTE
    WITH ATTRIBUTE-SYNTAX
    distinguishedNameSyntax ::= {attributeType 29}
```

```
quipuDSA QuipuDSA ::= {objectClass 1}

quipuObject QuipuObject ::= {objectClass 2}

quipuNonLeafObject QuipuNonLeafObject ::= {objectClass 6}                100

externalNonLeafObject ExternalNonLeafObject ::= {objectClass 9}

quipuSecurityUser OBJECT-CLASS
   SUBCLASS OF quipuObject
   MUST CONTAIN {protectedPassword}
       ::= {objectClass 7}

iSODEApplicationEntity OBJECT-CLASS
   SUBCLASS OF applicationEntity                                         110
   MUST CONTAIN {execVector}
       ::= {objectclass 8}

END
```

Figure D.1: The QUIPU Naming Architecture

Appendix E

Attribute Matching

An important part of QUIPU is the ability to search for specified attributes. This appendix describes the attribute you can search for and the type of search that is valid, using the standard tables.

E.1 Approximate Matches

The attributes shown in Figure E.1 take a "string" value, and perform approximate matching if asked. Substring matches are allowed. Exact matches are case independent.

Table E.2 shows the attributes for which matches are case sensitive.

E.2 Exact Matches Only

Table E.3 shows attributes for which matches are for equality only. The syntax of the value is a formatted string; the syntax of which is shown.

Attribute	Abbreviation
knowledgeInformation	
commonName	cn
surname	
serialNumber	
countryName	c
localityName	l
stateOrProvinceName	st
streetAddress	
organizationName	o
organizationalUnitName	ou
title	
description	
businessCategory	
postalAddress	
postalCode	
postOfficeBox	
physicalDeliveryOfficeName	
userid	uid
textEncodedORaddress	
rfc822Mailbox	mail
info	
favouriteDrink	drink
roomNumber	
userClass	
host	
documentIdentifier	
documentTitle	
documentVersion	
documentLocation	
friendlyCountryName	co
orAddressComponent	

Table E.1: Case Independent Attributes

Attribute
telephoneNumber
telexNumber
teletexTerminalIdentifier
facsimileTelephoneNumber
iSDNAddress
registeredAddress
destinationIndicator
preferredDeliveryMethod

Table E.2: Case Sensitive Attributes

Attribute	Syntax
objectClass	objectclass
x121Address	numericstring
supportedApplicationContext	oid
aliasedObjectName	dn
member	dn
owner	dn
roleOccupant	dn
seeAlso	dn
manager	dn
documentAuthor	dn
masterDSA	dn
slaveDSA	dn
filestore	dn

Table E.3: Exact Match Only Attributes

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