Identification of objects

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Identification of objects

- Objects (entities, assets, securities, loans...) may be identified by a couple:
  - Type of identification
  - Value of identification

- Each type of identification defines its values
- The values for the different "type of identification" must be defined
  - It is itself an identification that must have a type

- The XBRL 2.1 specification defines how to identify reporting entities in the contexts:
  - Type defined through a URI, typically a URL
  - Format of the values depending on the type

  Example:
  <identifier scheme="http://xml.insee.fr/identifiants/SIREN">352191167</identifier>
• There is a need to identify an object which is not a reporting entity:
  – in facts or
  – in typed dimensions

• Choice:
  – Single fact / typed dimension
  – Two facts / typed dimensions
• For performance / commodity reason, it has been chosen to use a single piece of information for identifications

• It is, of course possible to present two cells for rendering / data entry
URIs: URLs or URNs

• **URL**
  – May be long
  – Already used to identify reporting entities
  – Possibility to correspond to a Web site containing informations
  – Possibility to handle any character

• **URN**
  – Shorter
  – Need to register it
  – Potential problem if identification values contain a column (";")
• Three situations

1. The type of identification is already associated to a URL
2. The type of identification is associated to an ISO standard
3. Other situations
• Keep the existing URL
• Information may be, in some cases, found in the Eurofiling Web site
• Example:
  SIREN: Identifier for organizations in France
  http://xml.insee.fr/identifiants/SIREN
Identification associated to an ISO standard

- RFC 5141 ([http://tools.ietf.org/html/rfc5141](http://tools.ietf.org/html/rfc5141)) defines a way to associate a URL (or a URN) to an ISO standard

- Examples:
  - LEI: [http://standard.iso.org/iso/17442](http://standard.iso.org/iso/17442)
  - ISIN: [http://standard.iso.org/iso/6166](http://standard.iso.org/iso/6166)

- Information could be, in some cases, found in the Eurofiling Web site
• The associated URL will use the Eurofiling domain, with a root: http://codes.eurofiling.info/
  Example: http://codes.eurofiling.info/cusip
• Information will be found in the Eurofiling Web site, using the URL as address
• Identifications specific to the reporter (local but stable) use the root http://codes.eurofiling.info/reporter
  Example: http://codes.eurofiling.info/reporter/portfolio_id
Questions ?

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