Library standards

Abstract standards, based on users needs

Concrete Standards, data consumed by applications

MODEL

Functional requirements
FRBR, FR** family

CONTENT

Cataloguing rules
Eg. ISBD, AACR2, RDA...

Cataloguing rules elements
Eg. Title Proper, Preferred name for the person...

Vocabularies
Eg. Marc code list for relators, RDA carrier type...

Metadata format
Eg. MARC21, Unimarc, MODS...

Encoding syntax
Eg. ISO-2709, XML

STRUCTURE

Library standards

standards
Library standards – timeline view

Abstract standards, based on users needs

Concrete Standards, data consumed by applications

Encoding syntax
- 1981 – ISO 2709
- 1998 – XML 1.0

Metadata format
- 1968 – MARC
- 1977 – Unimarc
- 1997 – MARC21
- 2002 – MODS

Cataloguing rules
- 1971 – ISBD
- 1978 – AACR2
- 2010 – RDA

Functional requirements
- 1998 – FRBR
- 2009 – FRAD
- 2010 – FRSAD

Timeline:
- 1968 – MARC
- 1971 – ISBD
- 1977 – Unimarc
- 1978 – AACR2
- 1981 – ISO 2709
- 1997 – MARC21
- 1998 – XML 1.0
- 1998 – FRBR
- 2002 – MODS
- 2009 – FRAD
- 2010 – FRSAD
- 2010 – RDA
Library standards & DCAM Singapore framework

**Structure**
- Encoding syntax
  - Eg. ISO-2709, XML
- Metadata format
  - Eg. MARC21, Unimarc, MODS...
- Vocabularies
  - Eg. RDA carrier type...
- Cataloguing rules elements
  - Eg. Title Proper...
- Cataloguing rules
  - Eg. ISBD, AACR2, RDA...

**Content**
- Functional requirements
  - FRBR, FR** family
- Encoding syntax guidelines
- Description Set Profile (DSP)
  - (machine readable in XML)
- Terms
  - Includes: properties, classes, vocabularies, encoding schemes
- Usage guidelines
  - (human readable)

**Model**
- Functional requirements
  - Domain model
- Abstract standards, based on users needs
- Concrete Standards, data consumed by applications