Open Document Format (ODF)

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What is ODF?

"This standard specifies the characteristics of an <u>XML-based</u> <u>application-independent</u> and <u>platform-independent</u> digital document file format, as well as the characteristics of software applications which read, write and process such documents.

This standard is applicable to document authoring, editing, viewing, exchange and archiving, including text documents, spreadsheets, presentation graphics, drawings, charts and similar documents commonly used by personal productivity software applications."
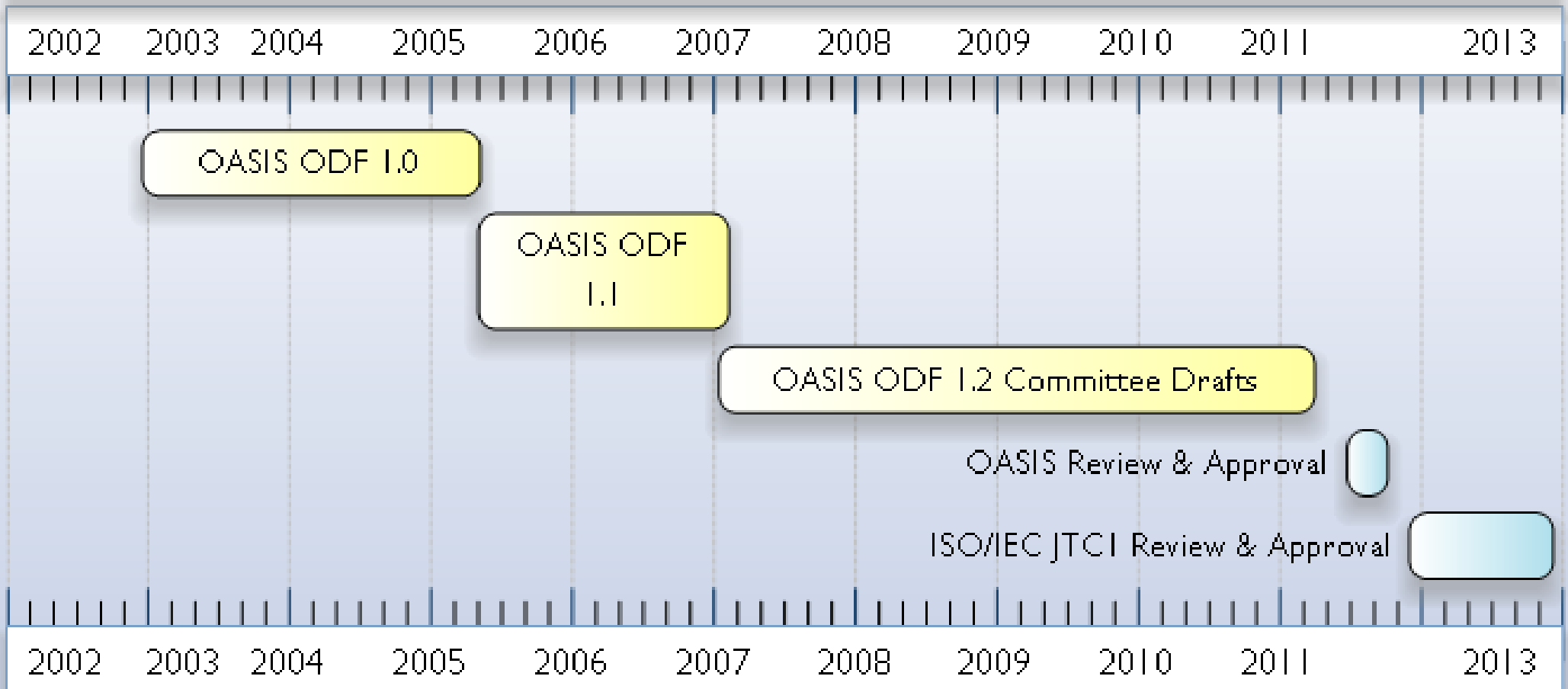
OASIS: the Organization

- **O**rganization for the **A**dvancement of **S**tructured **I**nformation **S**tandards

  - Founded in 1993

  - Open, Inclusive, Diverse

  - 600 member organization in 100 countries.

  - Liaisons with ISO, IEC, ITI, ISO/IEC, UN/CEFACT, UN/ECE, W3C, etc.

OASIS ODF Activity

- 66 members involved with ODF:

  - ODF Technical Committee

  - ODF Interoperability and Conformance TC

  - ODF Adoption TC

- 18 countries

  - US, China, Canada, South Africa, Ireland, UK, Belgium, Finland, India, Japan, Germany, Czech Republic, Brazil, Norway, Netherlands, Hungary, Australia & France

- 26 organizations and 8 individual members

  - IBM, Oracle, Microsoft, Novell, Nokia, Google, Redhat, Belgian Federal ICT Dept (Fedict), DeltaXML, KDE e.V., Ars Aperta, etc.
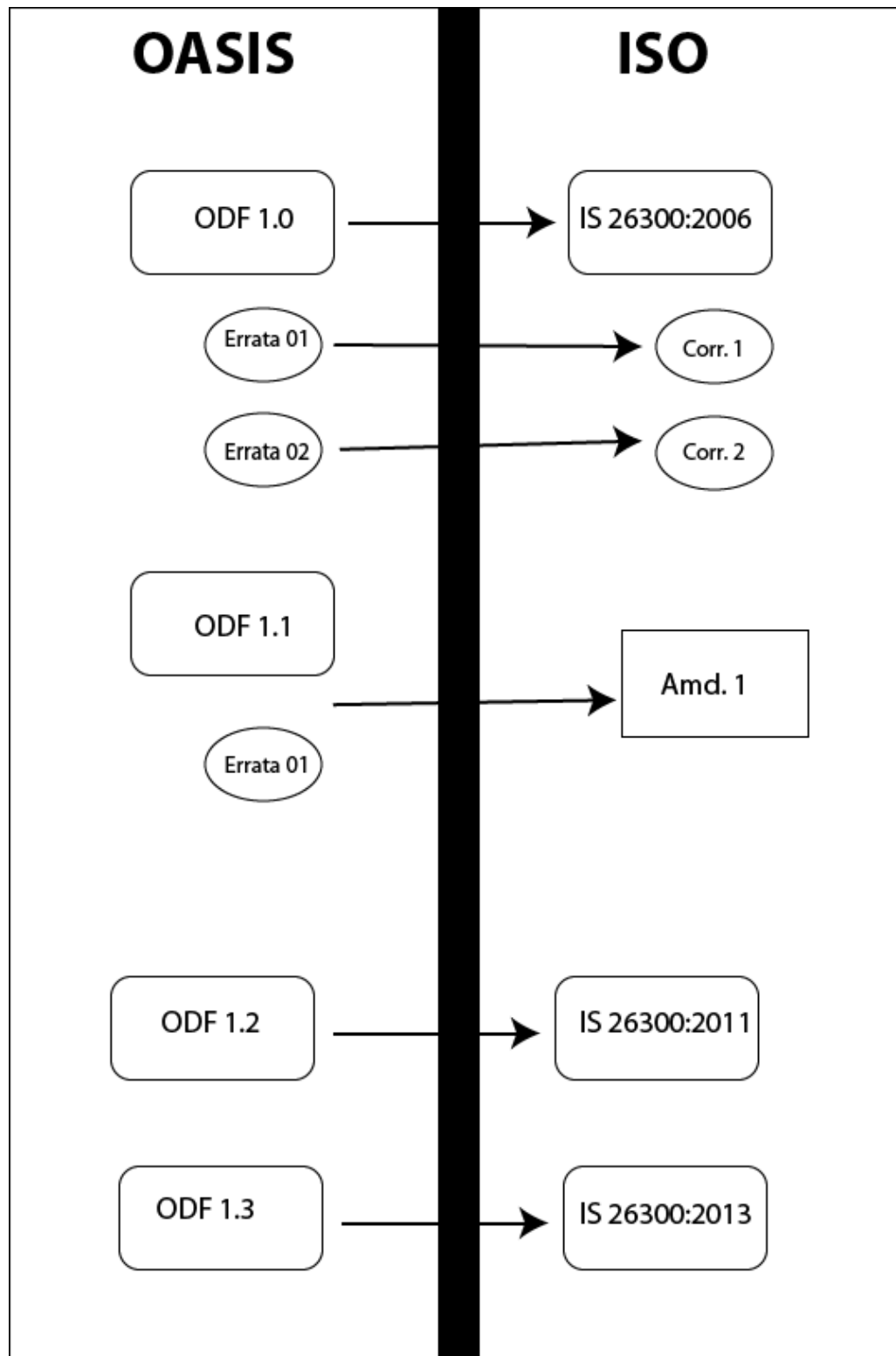
ODF Timeline

| 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2013 |

OASIS ODF 1.0

OASIS ODF 1.1

OASIS ODF 1.2 Committee Drafts

OASIS Review & Approval

ISO/IEC JTC1 Review & Approval

| 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2013 |

Legend: Completed   Estimated

The work we do in OASIS is reviewed and approved by ISO, resulting in technically equivalent specifications, though at a 12-16 month delay for the ISO version.

ODF vendors for the most part tend to offer anticipatory support for the latest OASIS ODF version.

What is new in ODF 1.2?

- Addition of Spreadsheet formula language (OpenFormula)

- Digital signatures

- RDF XML/RDFa capabilities (semantic web)

- Native tables in presentation slides

- Redrafting of conformance language as well as other changes to conform to ISO/IEC Directives, Part 2.

- Many editorial issues resolved

For ODF 1.3

- Proposals currently being accepted and reviewed
  - Everyone is welcome to contribute
- Some areas under discussion:
  - Change tracking enhancements
  - Chart enhancements
  - Font embedding
  - Profile for web/mobile editors
- Schedule: 4 committee drafts over 2 years