

# Metadata, Spreadsheet Formula, Digital Signatures, and More: What's New with ODF?

- Metadata:
  - RDF/XML e OWL (*Web Ontology Language*)
  - Use Cases:
    - Accessibility
    - Bibliographies and Citations
    - Content Tagging
    - Enhanced Search
    - Workflow
  - Principles:
    - Balance Expressiveness and Ease-of-Implementation
    - Enable Extensibility
    - Ensure Interoperability

## OpenFormula:

- Developed by many different implementors.
- Developed with experienced users.
- Open development.
- Fully open standard.
- It's already taken seriously.
- Focused development.
- Not rushed.
- Format for tomorrow, not just today.
- Embedded test cases.
- Doesn't mandate mistakes.
- Innovations from many sources.
- Room for innovation by anyone.
- Rigorous definitions, including function data types.
- Internationalization.
- No straightjacket.

### 6.15.60 SUM

**Summary:** Sum (add) the set of numbers, including all numbers in ranges

**Syntax:** SUM( { NumberSequenceList N }<sup>+</sup> )

**Returns:** Number

**Constraints:** None

**Semantics:** Adds numbers (and only numbers) together (see the text on conversions).

Applications may allow SUM to receive 0 parameters (and return 0), but portable documents **must not** depend on SUM() with zero parameters returning 0.

#### Test Cases:

<i>Expression</i>	<i>Result</i>	<i>Level</i>	<i>Comment</i>
=SUM(1;2;3)	6	1	Simple sum.
=SUM(TRUE();2;3)	6	1	TRUE() is 1.
=SUM([.B4:.B5])	5	1	2+3 is 5.

- Digital Signatures:
  - Basically XMLDSig
  - Current proposal extends the basic model with XADES (ETSI)
    - Discussion with OASIS DSS-X TC and ETSI
  - Sample Use Cases:
    - Read-only signed documents
    - Digital signature usage on Workflow systems

- ODF-Next SC:
  - Purpose:
    - Parallel effort to gather requirements and define a vision for the next major revision of the standard.
    - Gather, categorize by theme and prioritize requirements to build a report to ODF TC with a recommended set of work items for the next major version of ODF.
  - Scope of work:
    - Collect requirements from TC members, from the OASIS ODF Adoption TC, from implementors, from users, from the public, and from other stakeholders;
    - Ensure that all requirements collected have been formally submitted as contributions to the ODF TC, either as TC member contributions or via the Feedback License;
    - Categorize these comments according theme;
    - Prioritize the themes and the requirements within the themes;
    - Produce and submit to the ODF TC a report on a recommended set of work items for ODF-Next

Thank you

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ODF-Next:

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