
**Information technology — Open
Document Format for Office
Applications (OpenDocument) v1.2 —
Part 2:
Recalculated Formula (OpenFormula)
Format**

*Technologies de l'information — Format de document ouvert pour
applications de bureau (OpenDocument) v1.2 —*

Partie 2: Titre manque



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The OpenDocument v1.2 specification has these parts:

[OpenDocument v1.2 part 1: OpenDocument Schema](#)
[OpenDocument v1.2 part 2: Recalculated Formula \(OpenFormula\) Format \(this part\)](#)
[OpenDocument v1.2 part 3: Packages](#)

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Abstract:

This document is part of the Open Document Format for Office Applications (OpenDocument) Version 1.2 specification.

It defines a formula language to be used in OpenDocument documents.

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1 Introduction

1.1 Introduction

This document is part of the Open Document Format for Office Applications (OpenDocument) Version 1.2 specification. It defines a formula language for OpenDocument documents, which is also called OpenFormula.

OpenFormula is a specification of an open format for exchanging recalculated formulas between office applications, in particular, formulas in spreadsheet documents. OpenFormula defines data types, syntax, and semantics for recalculated formulas, including predefined functions and operations.

Using OpenFormula allows document creators to change the office application they use, exchange formulas with others (who may use a different application), and access formulas far in the future, with confidence that the recalculated formulas in their documents will produce equivalent results if given equivalent inputs.

OpenFormula is intended to be a supporting document to the Open Document Format for Office Applications (OpenDocument) format, particularly for defining its attributes `table:formula` and `text:formula`. It can also be used in other circumstances where a simple, easy-to-read infix text notation is desired for exchanging recalculated formulas.

1.2 Terminology

All text is normative unless otherwise labeled.

Within the normative text of this specification, the terms "shall", "shall not", "should", "should not", "may" and "need not" are to be interpreted as described in Annex H of [ISO/IEC Directives].

1.3 Purpose

OpenFormula defines:

1. data types
2. syntax
3. semantics

for recalculated formulas.

OpenFormula also defines functions.

OpenFormula does not define:

1. a user interface
2. a general notation for mathematical expressions

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