# DR xx — Incorrect example in SpreadsheetML DAY function

Status: Open

Subject: Incorrect example in SpreadsheetML DAY function

Qualifier: Editorial defect

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Submitter’s Defect Number: xx

Supporting Document(s): xx

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IS 29500 Reference(s): Part 1, 18.17.7.78

Related DR(s): xx

Nature of the Defect:

One of the examples given for the DAY function in SpreadsheetML is incorrect. The standard states that DAY(DATE(2006,0,2)) should result in 31 – in fact, it should be 2. Zero as month value in the DATE function indicates the twelfth month of the preceding year (as specified in 18.17.7.74) – the second day in December 2005 should have a day value of 2, not 31.

Solution Proposed by the Submitter:

The following change is proposed:

[Example:  
  
DAY(DATE(2006,1,2)) results in 2  
DAY(DATE(2006,0,2)) results in ~~31~~2  
DAY(DATE(2013,9,0)) results in 31  
DAY("2006/1/2 10:45 AM") results in 2  
DAY(30000) results in 18 for the 1900 date system, or 19 for the 1904 date system  
  
end example]

Schema Change(s) Needed: No

**Editor’s Response:**

xx

Changes to Part 1: Y Part 2: N Part 3: N Part 4: N