

# Formal Compliance

by William Shaffer

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## 1. Definition

Formal compliance means that the software conforms to the criteria for implementation compliance and a formal proof exists that the following date operations anywhere in the software are equivalent to those in *DateBench*:

- determination of leap year
- conversion from a Gregorian date to day of the year
- conversion from day of the year to Gregorian date
- comparison of dates
- determination of the day of the week
- adding or subtracting days to a date
- subtracting a date from another date.