

[ SKY V1.0 DATETIME-TIMEOFDAY



# Date Time.

- Class that controls the time and date.
- Time: Controls the time.
  - Progress Time: Allow time to advance:
  - Timeline: Hours, minutes, seconds contained in a float value.
  - Use Day Night Length: Control the length of the night and the day.
    - Day Range: Range in which it is day.
    - Day Length: Length of the day in real minutes.
    - Night Length: Length of the night in real minutes.
  - Set Time: Set the time:
    - Hour, Minute, Second.
- Date: The gregorian date.
  - Day: Current Day.
  - Month: Current month.
  - Year: Current year.
- Options:
  - Syschronize With System Date Time: The date and time are synchronized with the system.
- Value Events:
  - On Invalid Value: Incorrect value entered.
- Time Events:
  - On Hour: The hour has changed.
  - On Minute: The minute has changed.
  - On Second: The second has changed.
- Date Events:
  - On Day: The day has changed.
  - On Month: The month has changed.
  - On Year: The year has changed.

# Time Of Day.

- Class inherits from the DateTime class.
  - The range of the day has been removed.
- Location: The geographic coordinates..
  - Latitude: Is the angle between the equatorial plane and the straight line that passes through that point and through the center of the Earth.
  - Longitude: Is the angle east or west of a reference meridian to another meridian that passes through that point.
  - UTC:[Coordinated Universal Time] is the primary time standard by which the world regulates clocks and time.

