~~Write lastJulianCoords(calendar, timezone, frame) - midnight of the next day in wall~~

Write firstGregorianCoords - midnight of the day

Any functions that use the above 2 that are in UlimateDatetime need to move to LocalDatetime

Integrate the above, replacing calls to lastJulianDay and firstGregorianDay, respectively

~~Revisit offsetLocalCalCoords and offsetLocalCalCoordsDT as far as calendar manipulation~~

~~Rename existing functions to old. Write new functions that ignore Julian to Gregorian transitions~~

Treat UTCDatetime as all frames of reference are equal

Write the comparison functions for uncertain datatypes

Integrate the above into Julia using the operators in the Comparison operators for values with uncertainties spreadsheet

V 0.7 allows primes and subscripts to be added to infix operator. Consider the following:

==, ==', ==", >, >', >", <, <', <", <=, <=', <=", >=, >=', >="

Add precision, uncertainty and ticks to LocalCalCoordsDT - needed to process uncertainty comparisons

Finish createLocalDatetime

Check all of the error types for LocalCalCoordsDT creation

Do leap second tests

Finish createLocalDatetimeFromLocalCalCoordsDT

Need something similar to the part of calcTicks that adjusts the ticks and resets futureAdjust if necessary, but for LocalCalCoords and LocalDateTime.