

GPSTk Classes by Category, Part 2 of 2

RINEX Manipulation

RinexEphemerisStore
RinexMetBase
RinexMetData
RinexMetDataOperatorEqualsSimple
RinexMetDataOperatorLessThanFull
RinexMetDataOperatorLessThanSimple
RinexMetHeader
RinexMetHeader::sensorPosType
RinexMetHeader::sensorType
RinexMetHeaderTouchHeaderMerge
RinexMetStream
RinexNavBase
RinexNavData
RinexNavDataFilterPRN
RinexNavDataOperatorEqualsFull
RinexNavDataOperatorLessThanFull
RinexNavDataOperatorLessThanSimple
RinexNavHeader
RinexNavHeaderTouchHeaderMerge
RinexNavStream
RinexObsBase
RinexObsData
RinexObsData::RinexDatum
RinexObsDataOperatorEqualsSimple
RinexObsDataOperatorLessThanFull
RinexObsDataOperatorLessThanSimple
RinexObsHeader
RinexObsHeader::ExtraWaveFact
RinexObsHeader::RinexObsType
RinexObsHeaderTouchHeaderMerge
RinexObsID
RinexObsStream
RinexSatID
satTypeValueMap
satValueMap

Time Conversion, Manipulation, Storage

ANSITime
CivilTime
CommonTime
DayTime
RinexMetDataFilterTime
SystemTime
TimeTag
UnixTime
YDSTime
GPSWeekSecond
GPSWeekZcount
GPSZcount
GPSZcount29
GPSZcount32
MJD
JulianDate
GPSEpochWeekSecond

Matrix Computation

Cholesky
CholeskyCrout
ConstMatrixBase
ConstMatrixColSlice
ConstMatrixRowSlice
ConstMatrixSlice
ConstMatrixSliceBase
ConstVectorBase
ConstVectorSlice
ConstVectorSliceBase
Matrix
MatrixColSlice
MatrixRowSlice
MatrixSlice
MatrixSliceBase
LUDecomp
Householder
SRI
SVD
Vector
VectorSlice
VectorSliceBase
RefMatrixBase
RefMatrixSliceBase
RefVectorBase
RefVectorBaseHelper
RefVectorSliceBase

Receiver Binary Formats

AshtechALB
AshtechData
AshtechEPB
AshtechMBEN
AshtechMBEN::code_block
AshtechPBEN
AshtechStream
DataStatus
MDPHeader
MDPNavSubframe
MDPObsEpoch
MDPObsEpoch::Observation
MDPPVTSolution
MDPSelftestStatus
MDPStream

Transformations

ECEF
XYZ2NED
XYZ2NEU
Xvt
WGS84Geoid
Position
RACRotation
GPSGeoid

Precise Ephemeris

SP3Base
SP3Data
SP3EphemerisStore
SP3Header
SP3SatID
SP3Stream
TabularEphemerisStore

Range Prediction and Errors

ModeledPR
ModeledPseudorangeBase
ModeledReferencePR
ORDEpoch
CorrectedEphemerisRange
ObsRngDev
CheckPRData
MSCData
MSCStream

Reference Frames

Geodetic
GeodeticFrames
GeoidModel

Smoothing and Filtering

CodeSmoother
SimpleFilter
SimpleKalmanFilter
SMODFData
SMODFStream
SRIFilter
Stats
PCSmoother

Statistics

BivarStats
TwoSampleStats
ListStats

Troposphere Delay Models

GCATTropModel
GGHeightTropModel
GGTropModel
MOPSTropModel
NBTropModel
SaasTropModel
SimpleTropModel
TropModel
ZeroTropModel
WxObsData
WxObservation
MetReader