

GPSTk Classes by Category, Part 1 of 2

Earth Orientation Correction

EarthOrientation
EOPPrediction
EOPStore
PreciseRange

FIC Processing

FICStream
FICBase
FICData
FICData109
FICData162
FICData62
FICData9
FICDataFilterBlock
FICDataFilterPRN
FICDataFindBlock
FICDataOperatorLessThanBlock109
FICDataOperatorLessThanBlock9
FICDataOperatorLessThanFull
FICDataUniqueBlock109
FICDataUniqueBlock9
FICHeader
FICStream
FICStreamBase

Generalized Observation

Playback/Record

SVExclusion

SVExclusionList
SatID

GSatID
TimeNamedFileStream
EndOfFile
RTFileFrame
RTFileFrameHelper
RTFileFrameIterator
FFBinaryStream
FFData
FFIdentifier
FFStream
FFStreamError
FFTextStream
FileFilter
FileFilter::SortAdapter
FileFilterFrame
FileFilterFrameWithHeader
FileHunter
FileSpec
FileSpec::FileSpecElement
FileSpec::FileSpecSort
FileStore
TypeID
TypeID::Initializer
typeValueMap

Ionosphere Delay Modeling

IonoModel
IonoModelStore

Almanac

AlmanacStore
AlmOrbit
SEMAlmanacStore
SEMBase
SEMDData
SEMHeader
SEMStream
YumaAlmanacStore
YumaBase
YumaData
YumaHeader
YumaStream

BINEX Manipulation

BinexData
BinexData::MGFZI
BinexData::UBNXI
BinexDataOperatorEquals
BinexStream
CRCDDataStatus
CRCParam

Broadcast Ephemeris

BCEphemerisStore
EphemerisStore

Clock Models

ClockModel
EpochClockModel
LinearClockModel
ObsClockModel

Code and Signal Generation

CodeBuffer
DecodeBits
DecodeQuant
GenXSequence
X1Sequence
X2Sequence
SVPCodeGen
SVData

Cycle Slip/Discontinuity Correction

GDCconfiguration
GDCPass
Slip
OneFreqCSDetector
LICSDetector
MWCSDetector
Segment

General Nav Message

DecodeBits
MinSfTest
EphReader

Expression Evaluation, Numerical Integration

Expression
RungeKutta

Combinations and Differences

Combinations
ComputeCombination
ComputeIURAWeights
ComputeLC
ComputeLdelta
ComputeLI
ComputeMelbourneWubben
ComputeMOPSWeights
ComputePC
ComputePdelta
ComputePI
SDid
DDid
OWid
DeltaOp
NablaOp

Data Structures

ExtractCombinationData	
ExtractC1	ExtractD1
ExtractD2	ExtractData
ExtractL1	ExtractL2
ExtractLC	ExtractP1
ExtractP2	ExtractPC
gnssData	
gnssEquationDefinition	
gnssRinex	
gnssSatTypeValue	
gnssSatValue	
gnssTypeValue	
ObsID	
ObsID::Initializer	
ObsReader	
ObsEpoch	
SvObsEpoch	
SatPass	
SatPassData	
sourceEpochHeader	
sourceEpochRinexHeader	
sourceEpochSatHeader	
sourceEpochTypeHeader	
sourceHeader	
SourceID	
SourceID::Initializer	
sourceSatHeader	
sourceTypeHeader	
ValidType	

Navigation Solution

DOP
Bancroft
PRSolution
SolverBase
SolverLMS
SolverWMS
SimpleIURAWeight
MOPSWeight
WeightBase