TA2DataManager

Attributes:

fRandom	fADC	fTreeFileName
fRandSeed	fADCdefined	fIsRawDecode
fParent	fMulti	fIsDecode
fChildren	fScaler	fIsReconstruct
fVariables	fScalerBuff	fIsRawDecodeOK
fTreeFile	fScalerSum	fIsDecodeOK
fTree	fEvent	fIsReconstructOK
fBranch	fMaxADC	fIsCut
fNbranch	fMaxScaler	fIsBitPattern
fDataCuts	fScalerIndex	fIsRateMonitor
fHistCuts	fScalerCurr	fIsEndOfFile
fMiscCuts	fScalerAcc	fIsFinish
fCompoundCut	fNPeriod	fIsSaveEvent
fRateMonitor	fMaxPeriod	kValidChild
fBitPattern	fPeriodCmd	fgIsA
fPatternHits	fEndOfFileCmd	
fNPatternHits	fFinishCmd	

Methods:

@~TA2DataManager	GetSaveTree	GetRateMonitor
PostInit	InitSaveTree	GetBitPattern
GetN2V	SaveEvent	GetPatternHits
GetVarType	SaveEvent	GetNPatternHits
IsInt	CloseEvent	GetTreeFile
CreateChild	GetChildType	GetTree
LoadVariable	GetChild	GetNPeriod
ParseCut	GetGrandChild	GetMaxPeriod
ResetCut	GetParent	GetPeriodCmd
PostInitialise	GetChildren	GetEndOfFileCmd
AddChild	GetDataCuts	GetFinishCmd
AddChild	GetHistCuts	IsRawDecode
Decode	GetMiscCuts	IsDecode
DecodeSaved	GetADC	IsReconstruct
Reconstruct	GetADCdefined	IsRawDecodeOK
Cleanup	GetScaler	IsDecodeOK
UpdatePeriod	GetScalerSum	IsReconstructOK
Periodic	GetEvent	IsBitPattern
ParsePeriod	GetEvent	IsRateMonitor
ParseEndOfFile	GetMaxADC	IsEndOfFile
ParseFinish	GetMaxScaler	IsFinish
SetEndOfFile	GetScalerIndex	IsSaveEvent
SetFinish	GetScalerCurr	Class
EndFile	GetScalerAcc	Class_Name
Finish	GetScalerError	IsA
MacroExe	GetMulti	ShowMembers
SetSaveEvent	GetMulti	

TA2HistManager

Attributes:

fHistList
f1Dhist
f2Dhist
f3Dhist
fN1Dhist
fN2Dhist
fN3Dhist
fIsDisplay
fgIsA

Methods:

@~TA2HistManager
Decode
DecodeSaved
Reconstruct
SetConfig
ParseDisplay
ReadChanLim
FillHist
FillAllHist
Hist
ZeroHist
ZeroAll
SaveHist
ListHist
H2D
IsDisplay
GetN1Dhist
GetN2Dhist
GetN3Dhist
Get1Dhist
Get2Dhist
Get3Dhist
Class
Class_Name
IsA
ShowMembers

TA2Apparatus

Attributes:

fP4	fNparticle
fParticleInfo	fROOToutput
fPDGtype	fPCut
fPDG_ID	fNCut
fP4tot	fNSector
fParticleID	fPCutStart
fMtot	fNSectorCut
fMinv	fgIsA
fEtot	
fMaxParticle	

Methods:

@~TA2Apparatus	GetMaxParticle
SetConfig	GetNparticle
LoadVariable	GetPCut
PostInit	GetPCut
CreateChild	GetNCut
Reconstruct	GetNSector
InitSaveTree	GetPCutStart
SaveEvent	GetPCutStart
DeleteArrays	GetNSectorCut
SortParticleIDCuts	GetNSectorCut
GetP4	GetCutOpt
GetParticleInfo	GetCutSectorIndex
GetP4tot	GetCutPDGIndex
GetPGDtype	Class
GetPDG_ID	Class_Name
GetMtot	IsA
GetMinv	ShowMembers
GetEtot	

TA2Tagger

Attributes:

fNMR	fHaveIncScaler	fDTDCEnhPara
fBeamEnergy	fDoingScalers	fDTDCCohPerp
fBeamPol	fDoingTDCs	fDTDCEnhPerp
fPhotonEnergy	fTDCRefFileName	fDEdge
fPhotonTime	fBadTDCChan	fDEdgeEnergy
fFP	fFillFreq	fDScanStep
fMicro	fFillCounter	fScalerCount
fPbGlass	fPrompt	fLadderTime
fFPEcalib	fRand	fLadderHits
fMicroEcalib	fTDCIncSpectrum	fLadderWindows
fIsFP	fTDCCohSpectrum	fEdgeFitName
fIsMicro	fTDCEnhSpectrum	fEdgeChMin
fIsPbGlass	fHaveIncTDC	fEdgeChMax
fIsLinPol	fPromptRandRatio	fInc
fIsHelicityAmbiguous	fEdge	fHCoh
fNFPElem	fEdgeEnergy	fHEnh
fNMicroElem	fGoniAOff	fHCohPara
fHelicityADC	fGoniVOff	fHEnhPara
fParticles	fGoniHOff	fHCohPerp
fInitLevel	fGoniPlane	fHEnhPerp
fBaseADC	fGoniRadius	fHTDCInc
fGoniADC	fGoniMode	fHTDCCoh
fScanFlagADC	fDInc	fHTDCEnh
fStepADC	fDCoh	fHTDCCohPara
fNormChannel	fDEnh	fHTDCEnhPara
fNormEnergy	fDCohPara	fHTDCCohPerp
fEnergyCalib	fDEnhPara	fHTDCEnhPerp
fScalerCurr	fDCohPerp	fHScan
fRefFileName	fDEnhPerp	fHEdge
fIncSpectrum	fDTDCInc	fHEdgeEnergy
fCohSpectrum	fDTDCCoh	fEdgeFit
fEnhSpectrum	fDTDCEnh	fgIsA
fBadScalerChan	fDTDCCohPara	

Methods:

@~TA2Tagger	GetLadderHits	GetGoniHOff
TA2Tagger	GetLadderTime	GetGoniPlane
CreateChild	GetBeamEnergy	GetGoniRadius
LoadVariable	GetWindow	GetGoniMode
PostInitialise	IsAny	GetCohEdge
InitLinPol	IsPrompt	GetCohEdgeEnergy
InitLinPolHist	IsRandom	Class
SetConfig	IsHelicityAmbiguous	Class_Name
Reconstruct	GetParticles	IsA
ReconstructLinPol	GetParticles	ShowMembers
ReconstructMicro	SetParticleInfo	Streamer
GetFP	IsLinPol	
GetMicro	GetGoniAOff	
GetLadderHits	GetGoniVOff	