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| <p>«type» TimeQuantity</p> <p>attributes:</p> <ul style="list-style-type: none"> value: datetime uncertainty: float [0..1] lowerUncertainty: float [0..1] upperUncertainty: float [0..1] confidenceLevel: float [0..1] | <p>«type» CompositeTime</p> <p>attributes:</p> <ul style="list-style-type: none"> year: IntegerQuantity [0..1] month: IntegerQuantity [0..1] day: IntegerQuantity [0..1] hour: IntegerQuantity [0..1] minute: IntegerQuantity [0..1] second: RealQuantity [0..1] | <p>«type» RealQuantity</p> <p>attributes:</p> <ul style="list-style-type: none"> value: float uncertainty: float [0..1] lowerUncertainty: float [0..1] upperUncertainty: float [0..1] confidenceLevel: float [0..1] | <p>«type» IntegerQuantity</p> <p>attributes:</p> <ul style="list-style-type: none"> value: int uncertainty: int [0..1] lowerUncertainty: int [0..1] upperUncertainty: int [0..1] confidenceLevel: float [0..1] | <p>«type» Axis</p> <p>attributes:</p> <ul style="list-style-type: none"> azimuth: RealQuantity plunge: RealQuantity length: RealQuantity | <p>«type» NodalPlane</p> <p>attributes:</p> <ul style="list-style-type: none"> strike: RealQuantity slip: RealQuantity sale: RealQuantity | <p>«type» NodalPlanes</p> <p>attributes:</p> <ul style="list-style-type: none"> nodalPlane1: NodalPlane [0..1] nodalPlane2: NodalPlane [0..1] preferredPlane: int [0..1] | <p>«type» WaveformStreamID</p> <p>attributes:</p> <ul style="list-style-type: none"> networkCode: string stationCode: string channelCode: string [0..1] locationCode: string [0..1] resourceURL: ResourceReference [0..1] |
| <p>«type» ConfidenceEllipsoid</p> <p>attributes:</p> <ul style="list-style-type: none"> semiMajorAxisLength: float semiMinorAxisLength: float semiIntermediateAxisLength: float majorAxisPlunge: float majorAxisAzimuth: float majorAxisRotation: float | <p>«type» CreationInfo</p> <p>attributes:</p> <ul style="list-style-type: none"> agencyID: string [0..1] agencyURL: ResourceReference [0..1] author: string [0..1] authorID: ResourceReference [0..1] creationTime: dateTime [0..1] version: string [0..1] | <p>«type» DataUsed</p> <p>attributes:</p> <ul style="list-style-type: none"> waveType: DataUsedWaveType componentCount: int [0..1] stationCount: int [0..1] shortestPeriod: float [0..1] longestPeriod: float [0..1] | <p>«type» Tensor</p> <p>attributes:</p> <ul style="list-style-type: none"> Mrr: RealQuantity Mtt: RealQuantity Mpp: RealQuantity Mrr: RealQuantity Mpp: RealQuantity | <p>«type» PrincipalAxes</p> <p>attributes:</p> <ul style="list-style-type: none"> axis: Axis pAxis: Axis [0..1] nAxis: Axis [0..1] | <p>«type» EventDescription</p> <p>attributes:</p> <ul style="list-style-type: none"> text: string type: EventDescriptionType [0..1] | <p>«type» OriginQuality</p> <p>attributes:</p> <ul style="list-style-type: none"> associatedPhaseCount: int [0..1] usedPhaseCount: int [0..1] usedStationCount: int [0..1] depthPhaseCount: int [0..1] standardError: float [0..1] azimuthalGap: float [0..1] secondaryAzimuthalGap: float [0..1] groundTruthLevel: string [0..1] maximumDistance: float [0..1] minimumDistance: float [0..1] medianDistance: float [0..1] | <p>«type» SourceTimeFunction</p> <p>attributes:</p> <ul style="list-style-type: none"> type: SourceTimeFunctionType duration: float riseTime: float [0..1] decayTime: float [0..1] |
| <p>«type» TimeWindow</p> <p>attributes:</p> <ul style="list-style-type: none"> begin: float end: float reference: datetime | <p>«type» Comment</p> <p>attributes:</p> <ul style="list-style-type: none"> text: string id: ResourceReference [0..1] creationInfo: CreationInfo [0..1] | <p>«type» ResourceReference</p> <p>attributes:</p> <ul style="list-style-type: none"> resourceID: string | <p>«type» Phase</p> <p>attributes:</p> <ul style="list-style-type: none"> code: string | <p>«enumeration» MomentTensorCategory</p> <p>enum:</p> <ul style="list-style-type: none"> TELESEISMIC = teleseismic REGIONAL = regional | <p>«enumeration» OriginType</p> <p>enum:</p> <ul style="list-style-type: none"> HYPOCENTER = hypocenter CENTROID = centroid AMPLITUDE = amplitude MACROSEISMIC = macroseismic RUPTURE_START = rupture start RUPTURE_END = rupture end | <p>«enumeration» EvaluationMode</p> <p>enum:</p> <ul style="list-style-type: none"> MANUAL = manual AUTOMATIC = automatic | <p>«enumeration» EvaluationStatus</p> <p>enum:</p> <ul style="list-style-type: none"> PRELIMINARY = preliminary CONFIRMED = confirmed REVIEWED = reviewed FINAL = final REJECTED = rejected |
| <p>«enumeration» EventType</p> <p>enum:</p> <ul style="list-style-type: none"> EARTHQUAKE = earthquake INDUCED_EARTHQUAKE = induced earthquake QUARRY_BLAST = quarry blast EXPLOSION = explosion CHEMICAL_EXPLOSION = chemical explosion NUCLEAR_EXPLOSION = nuclear explosion LANDSLIDE = landslide ROCKSLIDE = rockslide SNOW_AVALANCHE = snow avalanche DEBRIS_AVALANCHE = debris avalanche MINE_COLLAPSE = mine collapse BUILDING_COLLAPSE = building collapse VOLCANIC_ERUPTION = volcanic eruption METEOR_IMPACT = meteor impact PLANE_CRASH = plane crash SONIC_BOOM = sonic boom NOT_EXISTING = not existing OTHER_EVENT = other NULL = null | <p>«enumeration» PickPolarity</p> <p>enum:</p> <ul style="list-style-type: none"> POSITIVE = positive NEGATIVE = negative UNDECIDABLE = undecided | <p>«enumeration» PickOnset</p> <p>enum:</p> <ul style="list-style-type: none"> EMERGENT = emergent IMPULSIVE = impulsive QUESTIONABLE = questionable | <p>«enumeration» OriginDepthType</p> <p>enum:</p> <ul style="list-style-type: none"> FROM_LOCATION = from location FROM_MOMENT_TENSOR_INVERSION = from moment ten... BROAD_BAND_P_WAVEFORMS = from modeling o... CONSTRAINED_BY_DEPTH_PHASES = constrained by ... CONSTRAINED_BY_DIRECT_PHASES = constrained by ... OPERATOR_ASSIGNED = operator assigned OTHER_ORIGIN_DEPTH = other | <p>«enumeration» SourceTimeFunctionType</p> <p>enum:</p> <ul style="list-style-type: none"> BOX_CAR = box car TRIANGLE = triangle TRIANGOID = triapezoid UNKNOWN = unknown | <p>«enumeration» EventTypeCertainty</p> <p>enum:</p> <ul style="list-style-type: none"> KNOWN = known SUSPECTED = suspected | <p>«enumeration» InversionType</p> <p>enum:</p> <ul style="list-style-type: none"> GENERAL = general HERZ_TRAUSE = sau base DOUBLE_COUPLE = double couple | <p>«enumeration» AmplitudeCategory</p> <p>enum:</p> <ul style="list-style-type: none"> POINT = point MEAN = mean DURATION = duration PERIOD = period INTEGRAL = integral OTHER = other |
| <p>«enumeration» DataUsedWaveType</p> <p>enum:</p> <ul style="list-style-type: none"> P_WAVES = P waves BODY_WAVES = body waves SURFACE_WAVES = surface waves MANTLE_WAVES = mantle waves COMBINED = combined UNKNOWN = unknown | <p>«enumeration» OriginUncertaintyDescription</p> <p>enum:</p> <ul style="list-style-type: none"> FELT_REPORT = felt report FLINN_ENGDASHL_REGION = Flinn-Engdahl region LOCAL_TIME = local time TECTONIC_SUMMARY = tectonic summary NEAREST_CITIES = nearest cities ELLIPSOID = confidence ellipsoid HORIZONTAL = horizontal unce... ELLIPSE = unconfident ellip... ELLIPSOID = confidence ellipsoid PDF = probability den... | <p>«enumeration» AmplitudeUnit</p> <p>enum:</p> <ul style="list-style-type: none"> m = m S = s M/S = m/s M/S^2 = m/s^2 M/S^3 = m/s^3 DIMENSIONLESS = dimensionless OTHER = other | | | | | |