Geometry Dictionary

Groundbased_Parameters

airmass: real
apparentVisualMagnitude: real
starName:string

Geometry_Groundbased

geom:Pixel_Dimensions

pixel_field_of_view_method: string
horizontal_pixel_field_of_view: real
vertical_pixel_field_of_view: real

geom:Pixel_Size_Projected

reference_location: string
distance: real
horizontal_pixel_footprint: real
vertical_pixel_footprint: real

geom:Derived_Geometry

incidence_angle: real
emission_angle: real
phase_angle: real
instrument_azimuth: real
instrument_elevation: real
solar_azimuth: real
solar_elevation: real
start_azimuth: real
stop_azimuth: real

We should not directly depend on the geometry
dictionary classes. We will probably either need
to clone these definitions or define our own
versions.

Note..

geom:Distances_Specific

target_geocentric_distance: real
target_heliocentric_distance: real
target_ssb_distance: real

geom:Distances

geom:Distances_Min_Max

minimum_target_geocentric_distance: real
maximum_target_geocentric_distance: real
minimum_target_heliocentric_distance: real
maximum_target_heliocentric_distance: real
minimum_target_ssb_distance: real
maximum_target_ssb_distance: real

geom:Distances_Start_Stop

start_target_geocentric_distance: real
stop_target_geocentric_distance: real
start_target_heliocentric_distance: real
stop_target_heliocentric_distance: real
start_target_ssb_distance: real
stop_target_ssb_distance: real