

Equatorial Frame (Celestial equator)

Right Ascension	: radians
Declination	: radians
Equinox(same epoch)	: J2000, B1950, APPARENT
ProperMotion Right Ascension	: milli arcseconds per year
ProperMotion Declination	: milli arcseconds per year
Parallax	: milli arcseconds
Radial Velocity	: Km/sec, positive means is moving away

Galactic Frame (Galactic plane)

Latitude	: radians
Longitude	: radians

Horizontal Frame (Horizon)

Azimuth	: radians
Elevation	: radians

