

01.Solar System (Performance profiler)

Bottleneck found in: OrbitsCalculator.cs

Line: 96 & 98

Search:									
Name		Own Time (ms)		Total Time (ms)		Hit Count			
0↓ SolarSystem.OrbitsCalculator.OnTimerTick(object sende		2	-	195,310	46.73%	17			
0↓ SolarSystem.OrbitsCalculator.OnTimeChanged()		2	-	195,273	46.72%	17			
0↓ SolarSystem.OrbitsCalculator.EarthRotation()	⬆	81,509	19.50%	195,263	46.71%	17			
System.Decimal.op_Explicit(System.Decimal value)	⬆	24,424	5.84%	24,424	5.84%	119,575,215			
System.Decimal.op_LessThanOrEqual(System.Decim	⬆	23,844	5.70%	23,844	5.70%	119,575,760			
95	0 (-)	17	{						
96	139,486 (71.44%)	119,576,475	{ for (decimal step = 0; step <= 360; step+=0.00005m)						
97	0 (-)	119,576,458	{						
98	55,774 (28.56%)	119,576,458	EarthRotationAngle = ((double)step) * Days / EarthRotationPeriod;						
99	0 (-)	119,576,458	}						
100	3 (-)	16	Update("EarthRotationAngle");						
101	0 (-)	16	}						
102			private void SunRotation()						
103			{						
104			{						

Namespace: SolarSystem
 Class Name: OrbitsCalculator
 Method: SolarSystem.OrbitsCalculator.EarthRotation()