



UIrradianceScheduler

- ESchedulerState State
- TQueue< FCaptureRequest > Queue
- TOptional< FCaptureRequest > Current
- TWeakObjectPtr< UIrradiance Subsystem > Irr
- TArray< UPyranometerComponent * > Sensors
- FSimConfig BaseSimConfig
- TArray< FDateTime > TimeSlots
- int32 TimelineIndex
- int32 SensorIndex
- bool bViewportForced
- bool bCaptureInFlight
- + UIrradianceScheduler ()=default
- + ~UIrradianceScheduler ()=default
- + void CaptureOnce(const FSimConfig &Sim)
- + void StartSimulation (const FSimConfig &Sim)
- + void ClearQueue()
- + ESchedulerState GetState () const
- + virtual void Tick(float DeltaTime) override
- + virtual TStatId GetStatId () const override
- + virtual ETickableTickType GetTickableTickType() const override
- + virtual UWorld * GetTickableGameObjectWorld() const override
- void EnsureSubsystem()
- void ConfigureSunSkyOnce (const FSimConfig &Sim)
- void SetSunSkyUTC(const FDateTime &Utc)
- void ApplyViewport (const FSimConfig &Sim)
- void RestoreViewport()
- void GetActiveSensors (TArray< UPyranometerComponent * > &OutSensors) const
- FCaptureRequest MakeRequest (const FSimConfig &Sim, UPyranometerComponent *Sensor) const
- bool ConsumeIrradianceResult (float &OutValue)
- void BuildTimeSlots (const FDateTime &StartUTC, const FDateTime &EndUTC, const FTimespan &Step)
- void LaunchNextSimulation Capture(const FSimConfig &Sim)

and 6 more...