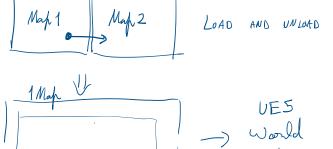


Large Worlds:



Maps NW Folker

Ly New level creation:



· Lighting and Atmosphere

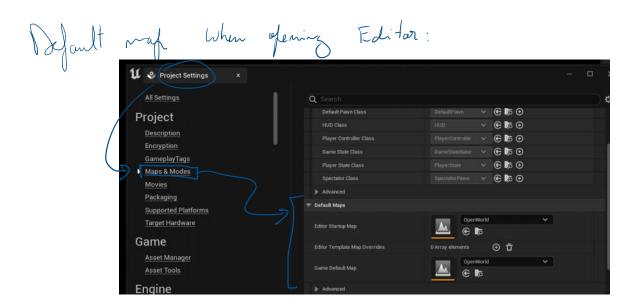
- Sky Atmosphere

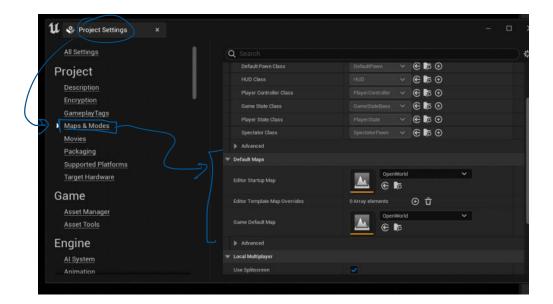
Scatters light lite a rul one
Up to 2 atm. lights

- Directional Light -> infinitely for away

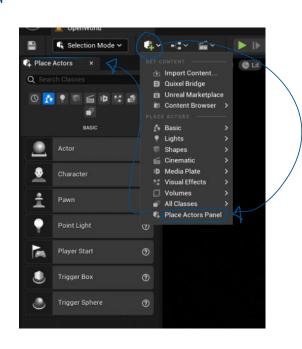
 shadows are PARALLEL

 (rimulates the mu/moon)
- Exponential Height Fog
 - Volumetric Clouds





Place Actors Panel:





CTRL+ L + mouse movement

= move the sun

(hold ctrl)

CTRL + Shift + L + mans movement

=) moves the SECOND sum

the rotation can also be changed manually _

Mobility:

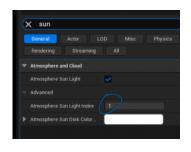
Static

Lighting cannot be changed in-game

Mobility:

- Static
 - Lighting cannot be changed in-game
 - Fastest
 - Allows baked lighting
- Stationary
 - Color and Intensity can change in-game
 - o Allows partially-baked her lighting
- Movable
 - Can be moved and changed in-game
 - Dynamic shadows

Change index of the second sun:





Sky Light

- Captures distant parts of the level
- Applies to the scene as light (reflections)
- Global illumination
- "Captures" only in certain conditions:
 - o For static lights, updates when building lighting
 - o For stationary and movable lights, updates once on load and on "Capture"
 - Constantly when Real-Time Capture is enabled

LightComponent (SkyLightComponent0)

× real

General Actor LOD Mise Physics

Rendering Streaming All

Plight

Real Time Capture

Fog and Clouds

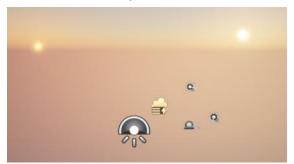
Exponential Height Fog

- Simulates Fog
- Gets thicker the lower you go
- Two colors
 - Hemisphere of a planet facing the sun
 - The other hemisphere

Volumetric Clouds

- Dynamic Clouds
- 3-dimensional
- Material driven
- Light-scattering











Temperature of the sur - affects its color



Low temp son (orange/red)

=> v pumple color

thigh temp son (blue)



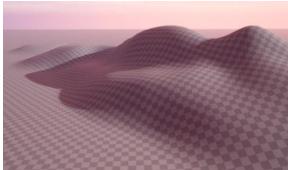
LANDSCAPE MODE



sulft mode:



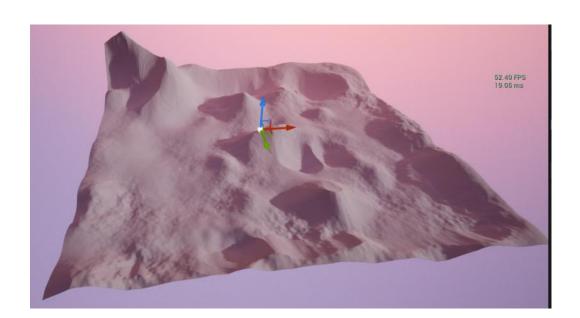




(Shift + 1 to go back to relection mode)

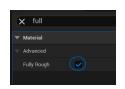
(Shift + 2 -> lad reafe mode)







-> New Material starts with "M" (Material) -> good/common partice



Material

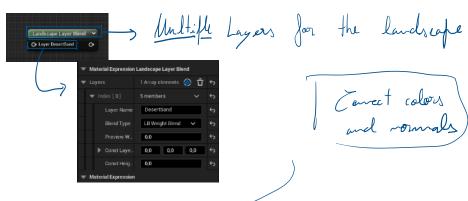
Advanced

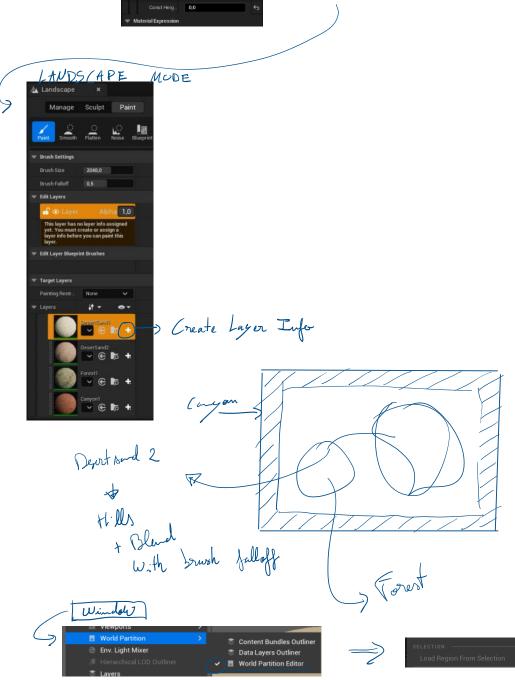
Fully Rough

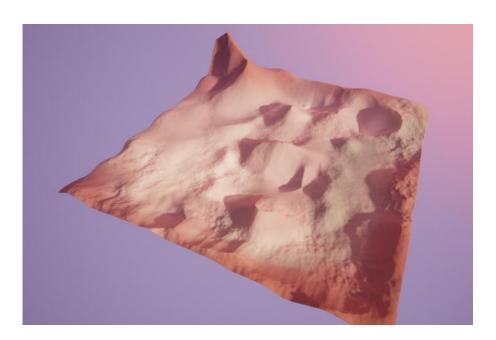
Not reflexive



Landscape Layer Bland) Multiple Layers for the landscape





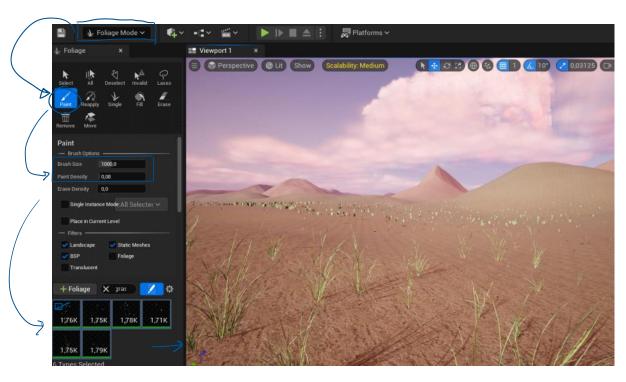


· FOLIAGE (bridge ands)

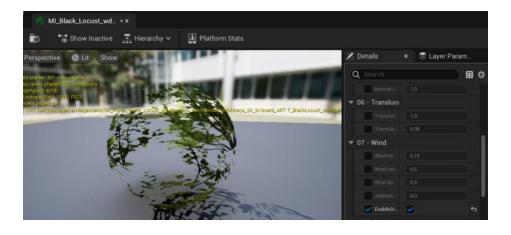
Thatching grass

Whent grass

Folioge instaces => share most data => efficiency



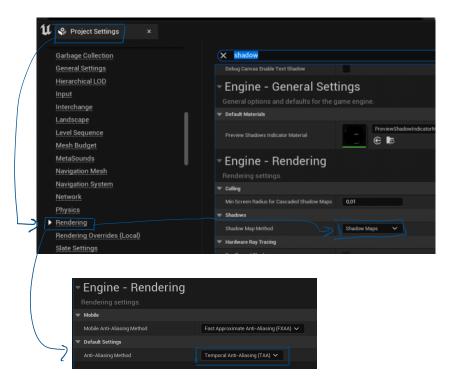
To enable WIND:



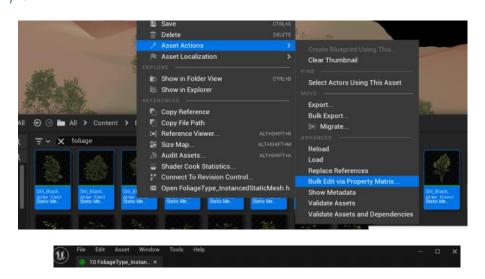
Align to Normal

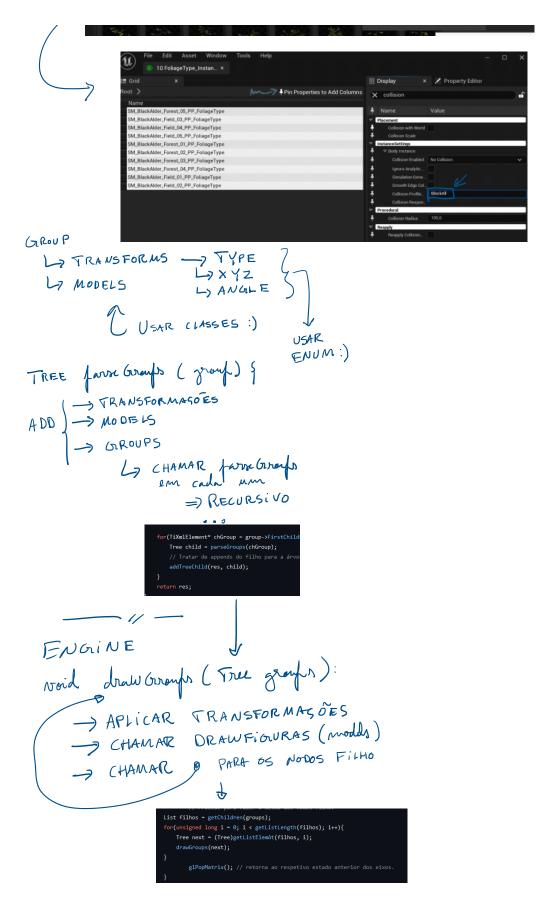
Augusta Normal

Increva fare rate:



Activate colision (trees):





Mdel Transon Group

Model vocafor