Active Game Dev	MENU≡
Terrain Engine 2	D
A 2D Block Engine for Uni	
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FEATURES DOCUMENTATION API FAQ DEMO	EXAMPLE PROJECT
Terrain Engine 2D - V1.10 GENERAL *	
BASIC * ADVANCED *	
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Here is a list and explanation of all the contents of Terrain Eng Table of Contents	gine 2D.
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Assets Graphics Contains all the textures and materials for the engine	
 Materials Contains all the materials for the engine FluidMesh The material used for the Mesh generated by the Fluid Chu FluidTexturedThe material used for the FluidRenderer to render the 	
 Grid-Selector The material used for the Grid Selector Sprite The material used for the Sprites that use Z-ordered layering 	itula texture
 Lighting Contains all the materials for the lighting AmbientLight The material used for the ambient light mesh BasicLight The material used for basic lighting 	
 LargeLight The material used for large light sources SmallLight The material used for small light sources 	
 Shaders Contains all the shaders for the engine Fluid Shader used for rendering the fluid texture Sprite Replacement for the Default Sprite shader with ZWrite enabled 	
 Terrain Shader used for terrain textures Lighting Contains all the shaders for the lighting 	
 AmbientLight Shader used for rendering the ambient lighting n LightSource Shader used on all light sources Sprites Contains all the sprites for the engine	ICS11
 Overlap_Block_Template Template used for creating Overlap Block Lighting Contains all the Sprites for the lighting 	ocks
 Large_Light_Radial Sprite used for large radial lights Small_Light_Radial Sprite used for small radial lights 	
 Prefabs All the Prefabs used in the engine Lighting Prefabs of light sources AdvancedRaycastLight An advanced Raycast light which shoots 	raycasts to the edges of
the terrain to generate shadows • FlashLight An advanced dynamic raycast light which rotates to face	
 FloodLight A light source which floods the general area with light RaycastLight A light source which shoots Raycasts in a circular magenerate shadows 	
 Single Instance Prefabs of GameObjects which should only contastence Tools The OSD and Grid Selector tools for modifying the generated value. 	
 World The World which controls all components of the engine WorldCamera The main Camera which displays the terrain, lightin LayerOption A potential layer option for the OSD 	g and UI on the screen
Scripts All the source scripts used in the engine Editor Custom Editor scripts	
WorldCustomInspector This script controls the custom inspector Extras Custom Editor scripts Cursor Follower This sless severe its Correction to follow the custom.	
 CursorFollower This class causes its GameObject to follow the cursor FaceCursor This class causes a 2D GameObject to rotate to face the c MonoBehaviourSingleton This abstract class is used as a base for 	ursor
as Singletons Fluid Dynamics The scripts used to simulate the Fluid Dynamics	
 FluidBlock This class stores the information of a single block of fluid FluidChunk This class generates the fluid mesh for a single chunk FluidDynamics This class simulates the fluid physics 	
FluidRenderer This class renders the fluid simulation in a texture Lighting The scripts used for the Lighting	
 Advanced Lighting The scripts used for the Advanced Lighting AdvancedLightSystem This class controls the advanced 2d li AmbientLight This class controls the ambient lighting 	
 Light Sources The scripts used for the light sources AdvancedRaycastLight The script that controls the Ad 	vancedRaycastLight light
 FloodLight The script that controls the FloodLight light so LightSource The base light source script 	urce
 RaycastLight The script that controls the RaycastLight lig LightSystem This class controls the basic world lighting 	
 Serialization The scripts used for file I/O and serialization of data BlockData Serializable script for saving block data Serialization Static class for saving and loading data 	
 WorldData Serializable script for saving info about the World Terrain The scripts responsible for generating, modifying and cont BlockGridMesh The class is used to create a 2D mesh made up of block 	
 BlockInfo This class stores information of a single block type BlockLayer This class holds block layer data and information 	CAS
 Chunk The class controls a single chunk ChunkLoader This class controls loading and unloading of chunks ColliderGenerator The class generates the colliders for a chunk 	
 FallingBlockSimulation The class controls the Falling Block Simulat TerrainData This class is meant to be expanded upon, it contains help the terrain 	
 TerrainDataTemplate This is a template for creating TerrainData c World This is the main World class which holds all block layers and other for controlling the terrain 	
 Tools The tool scripts CameraController This class handles input and controls the camera 	
 ChildCameraController This class maintains the orthographic size parent GridSelectorImageSetter This class changes the image of the Grid CODC and the Handle of the Grid CodC and the Grid CodC an	
 OSDController This class controls the OSD WorldInputHandler This class handles user input WorldModifier This class contains functions for modifying the terrain 	n
Resources/TerrainEngine2D	
Prefabs The Prefabs accessed through the Resources folder • Chunk A Prefab of a Chunk which holds a portion of the terrain	
Shaders The Shaders accessed through the Resources folder • FastBlur Shader used by the Advanced Light System for blurring the light	sources
 Particle Multiply Shader used by the Advanced Light System for blending of the graphics UI-Default Shader used by the Advanced Light System for blending the or 	
rest of the graphics	
TopDownExample Graphics Contains all the textures and materials used in the Top Down	yn Example
 Materials Contains all the block tileset materials for building the second and a second a second and a second a second and a second and a second and a second and a second and	
 Main-Tiles The material used for the Main layer Mountain-Tiles The material used for the Mountain layer Nature-Tiles The material used for the Nature layer 	
 Sprites collection of example tileset textures Backkground_Tiles Example Background tileset texture - consists and Dirt) to make up part of the terrain background, each with 4 variation 	- '
 and Dirt) to make up part of the terrain background, each with 4 variation Camp_Fire Campfire sprite used with the example CampFire light sou Main_Tiles Example Main tileset texture - consists of 3 Overlap block 	rce
 make up the main terrain block types, each with 4 variations Mountain_Tiles Example Mountain tileset texture - consists of 2 Ov Rock) for adding mountains to the terrain each with 4 variations 	erlap blocks (Dark Rock and
 Nature_Tiles Example Nature tileset texture - consists of 2 default bladding some nature items, each with 4 variations Player Simple sprite used with the example Player prefab 	ocks (Flower and Rock) for
Prefabs All the Prefabs used for the Top Down Example • CampFire An example LightSource	
Player An example Player for testing Scenes collection of scenes for the Top Down Example	
TopDownExample An example scene to use for reference Scripts All the extra scripts used in the Top Down Example	
 PlayerController This is a player controller class which controls the ex TerrainDataExample This is an example TerrainData class which procterrain data 	
You Tube	
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