

# **Unity Game Engine**

Introduction to Unity - Trail Renderer

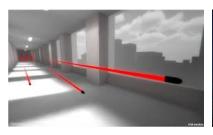
https://docs.unity3d.com/Manual/class-TrailRenderer.html https://www.youtube.com/watch?v=UDb6KtT7I\_E

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#### **Trail Renderer**

 The Trail Renderer is used to make trails behind GameObjects in the Scene as they move.





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### **Trail Rendering Example**

- Halo 2 (Al Battle Elites vs Enforcer).
- See a video clip at https://www.youtube.com/watch?v=m-nzh7WYYxl.

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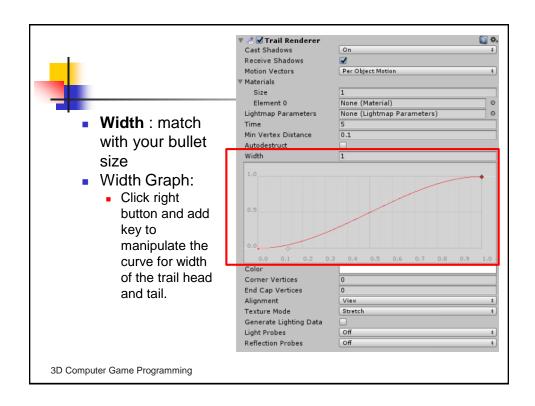


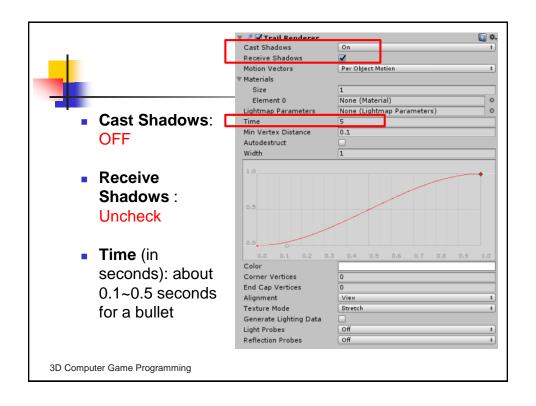
#### **Trail Renderer**

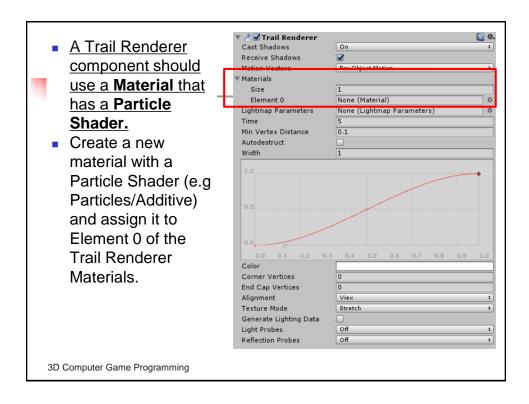
- Select an object (e.g. bullet prefab)Add "Trail
- Renderer"
  component via
  Add
  Component >
  Effects > Trail
  Renderer

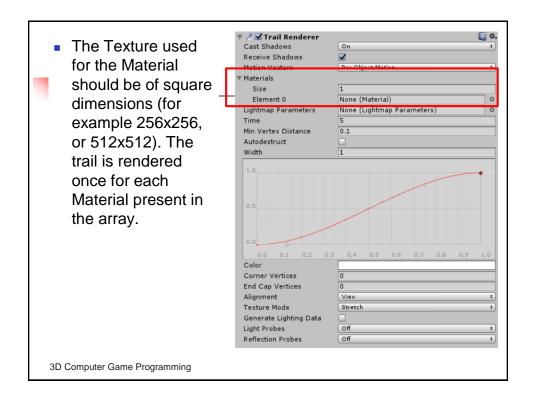
考 🗹 Trail Renderer Cast Shadows Receive Shadows Motion Vectors Per Object Motion ▼ Materials Size Element 0 None (Material) None (Lightmap Parameters) Lightmap Parameters Time Min Vertex Distance 0.1 Autodestruct Width Color Corner Vertices End Cap Vertices Alignment View Texture Mode Stretch Generate Lighting Data Light Probes Off Reflection Probes

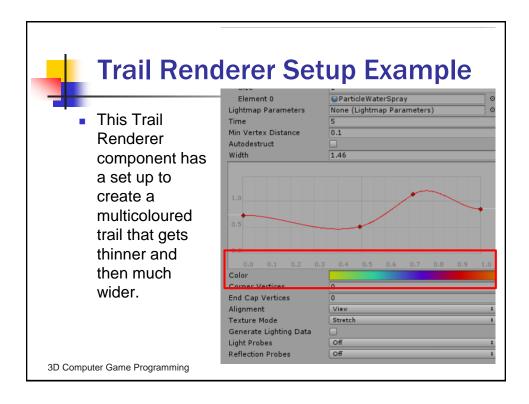
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## **Additional Resource**

- https://www.youtube.com/watch?v=UDb6KtT7I\_E
- Download the Starter Project Package and modify the bullet prefab to have a trail renderer component.

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