



Shape Tunnel

Thank you for purchasing the asset!

The asset is mainly made for publishing and learning purposes, but you can use it as you like.

Please contact me if you have any questions/issues!

If you like the asset, please leave a review!

If you don't like it, or you have any questions, don't hesitate to send me an email!

You can use anything from the asset for any purpose.

Email: ragendom@gmail.com

Facebook: <https://www.facebook.com/Ragendom-283436829168712/>

Please use Unity 2019.1.1f1 to avoid errors

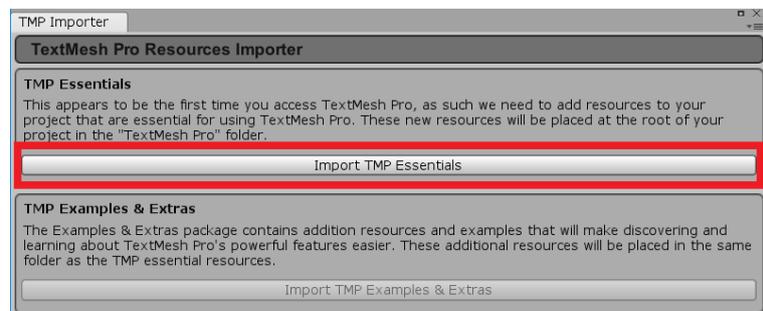
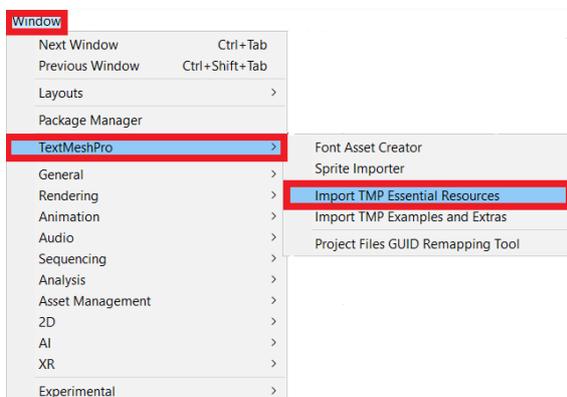
Credits:

Background music by Eric Matyas: <http://www.soundimage.org>

Sound effects: <https://www.noiseforfun.com>

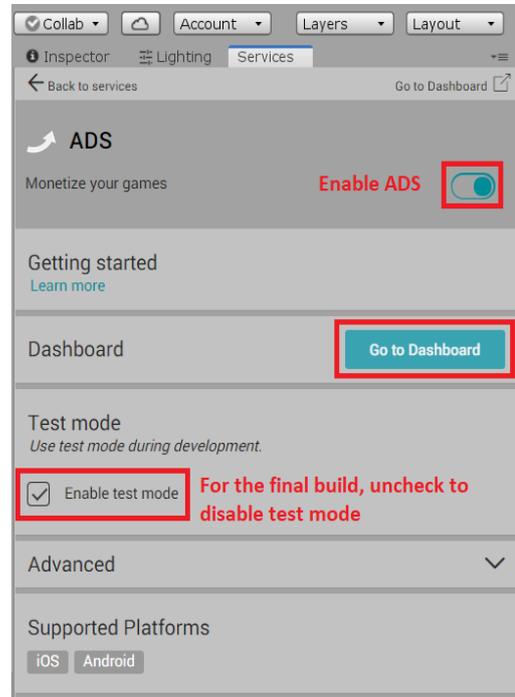
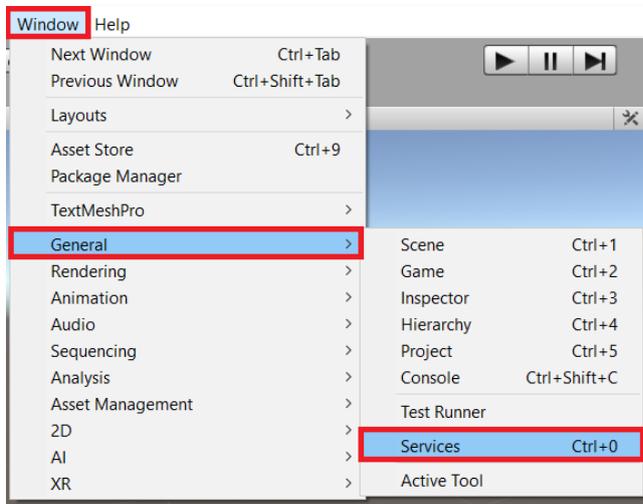
IMPORTANT

1. In this asset I use **TextMesh Pro** for the text elements. First you have to import it.



IMPLEMENTING ADS

1. Open *Services*



2. Enable Ads. If you want to test the ads, then enable test mode, but **you will need to disable test mode for the final build.**

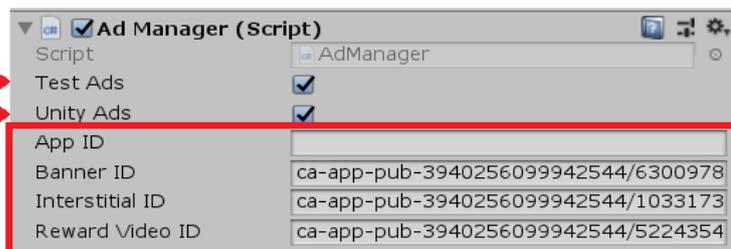
3. Close and reopen project!!!

4. Find AdManager in the Hierarchy.

You will need to disable test mode for the final build. You can select the AD network here.

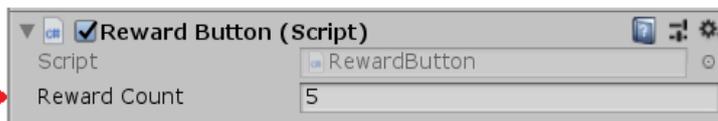
You have to change App ID, and AD IDs for the final build.

Enable this for testing, disable it for final build
Using Unity Ads when enabled, using Admob when disabled
Use the ad IDs you created in your Admob Panel

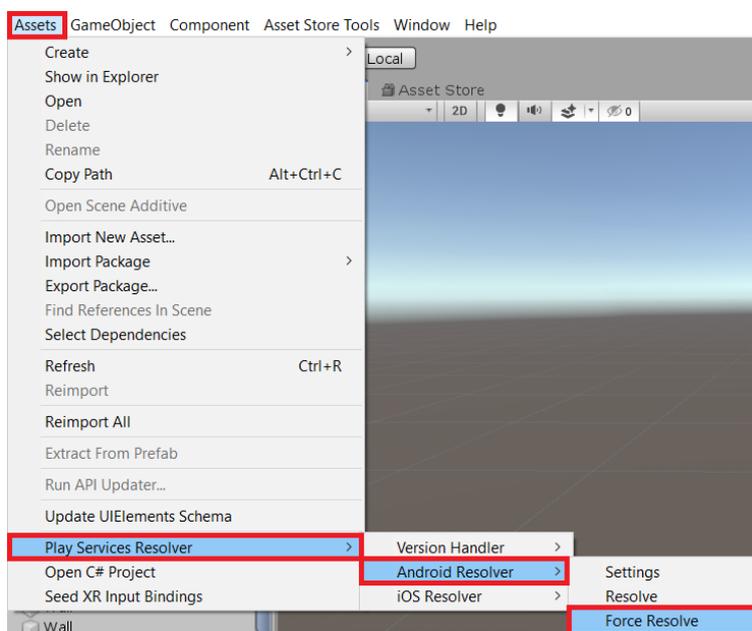


5. Find RewardButton in the Hierarchy. You can change the amount of tokens the player gets after watching a Reward Video Ad.

Player gets this many tokens after watching a Reward Video Ad →



5. Resolve just before building the project.



Calling ADS

Admob

```
FindObjectOfType<AdManager>().ShowAdmobBanner();  
FindObjectOfType<AdManager>().ShowAdmobInterstitial();  
FindObjectOfType<AdManager>().ShowAdmobRewardVideo();
```

Unity ADS

```
FindObjectOfType<AdManager>().ShowUnityVideoAd();  
FindObjectOfType<AdManager>().ShowUnityRewardVideoAd();
```

If you want to use Unity Ads, then after you have done the 1, 2, 3 steps, you have to **uncomment** some lines in the following scripts:

GameManager.cs **Uncomment lines: 21-23, 32-37**

```
19 void Start () {
20     //UNCOMMENT THE FOLLOWING LINES IF YOU ENABLED UNITY ADS AT UNITY SERVICES AND REOPENED THE PROJECT!
21     //if (FindObjectOfType<AdManager>().unityAds)
22     //    CallUnityAds();      //Calls Unity Ads
23     //else
24     //    CallAdmobAds();      //Calls Admob Ads
25
26     StartPanelActivation();
27     HighScoreCheck();
28     AudioCheck();
29 }
30
31 //UNCOMMENT THE FOLLOWING LINES IF YOU ENABLED UNITY ADS AT UNITY SERVICES AND REOPENED THE PROJECT!
32 //public void CallUnityAds()
33 //{
34 //    if (Time.time != Time.timeSinceLevelLoad)
35 //        FindObjectOfType<AdManager>().ShowUnityVideoAd();      //Shows Interstitial Ad when game starts (except for the first time)
36 //        FindObjectOfType<AdManager>().HideAdmobBanner();
37 //}
38
```

RewardButton.cs **Uncomment lines: 23-25**

```
20 public void ShowRewardVideo()
21 {
22     //UNCOMMENT THE FOLLOWING LINES IF YOU ENABLED UNITY ADS AT UNITY SERVICES AND REOPENED THE PROJECT!
23     //if (FindObjectOfType<AdManager>().unityAds)
24     //    FindObjectOfType<AdManager>().ShowUnityRewardVideoAd();      //Shows Unity Reward Video ad
25     //else
26     //    FindObjectOfType<AdManager>().ShowAdmobRewardVideo();      //Shows Admob Reward Video ad

```

AdManager.cs **Uncomment lines: 253-259, 262-288**

```
251 /*
252 //Call this to show video ad
253 public void ShowUnityVideoAd()
254 {
255     Debug.Log("ShowUnityVideoAd");
256
257     if (Advertisement.IsReady("video"))
258         Advertisement.Show("video");
259 }
260
261 //Call this to show reward video ad
262 public void ShowUnityRewardVideoAd()
263 {
264     Debug.Log("ShowUnityRewardVideoAd");
265     if (Advertisement.IsReady("rewardedVideo"))
266     {
267         Debug.Log("Showing Advertisement");
268         var options = new ShowOptions { resultCallback = HandleShowResult };
269         Advertisement.Show("rewardedVideo", options);
270     }
271 }
272
273 private void HandleShowResult(ShowResult result)
274 {
275     switch (result)
276     {
277     case ShowResult.Finished:
278         Debug.Log("The Unity Reward ad was shown successfully");
279         FindObjectOfType<RewardButton>().AddReward();      //Adds reward to the player when rewardVideo is finished successfully
280         break;
281     case ShowResult.Skipped:
282         Debug.Log("Ad was skipped");
283         break;
284     case ShowResult.Failed:
285         Debug.LogError("The ad failed to be shown");
286         break;
287     }
288 }
289 */
```

ABOUT THE GAME

How to play

On mobile : Move your finger on the screen to move with the player.

On desktop/web : Use 'A' and 'D' keys to make the player move.

Goal

Your goal is to hit the obstacle which has the same shape as yours.

However, if you hit a obstacle which has different shape, then you die.

FOLDER STRUCTURE

- **Assets**

Contains all of the used assets for the game

- **Animations**

Contains all of the used animations

- **Audio**

Contains all of the used sound effects and background music

- **Materials**

Contains every used materials

- **Meshes**

Contains every used meshes

- **Particles**

Contains the used ParticleSystems

- **Prefabs**

Contains the used prefabs (for example obstacles)

- **Scripts**

Contains C# scripts

- **Sprites**

Contains all of the used 2D sprites (for example UI elements)

- **Documentation**

Contains documentation

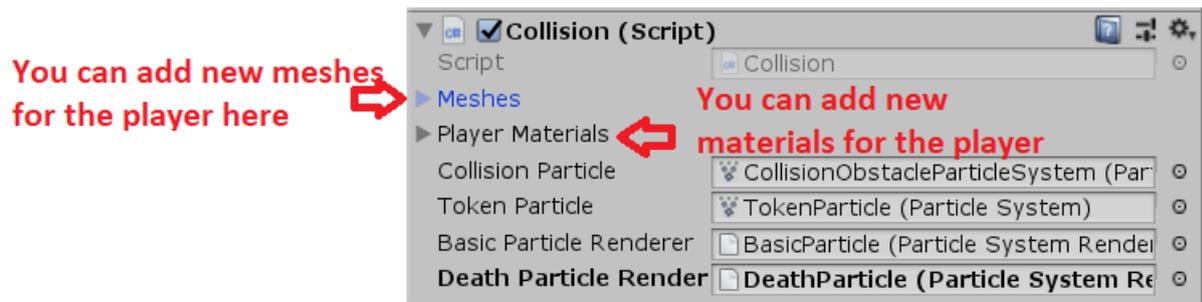
- **Scenes**

Contains complete level(s) and lightmap of the level(s)



CUSTOMIZATION

Player:

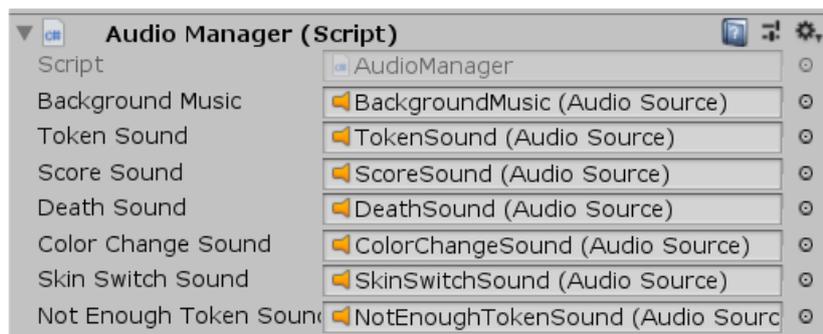


Skin1:



AudioManager:

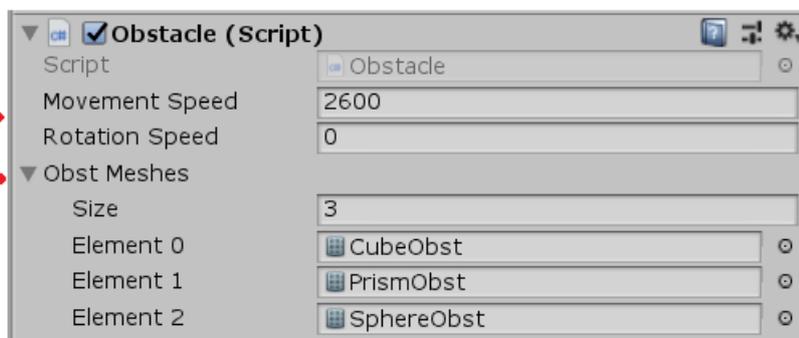
You can change sound effects here, and under the gameobject's children



Obstacles:

Movement and rotation speed of obstacle →

You can add new meshes to the obstacles here →

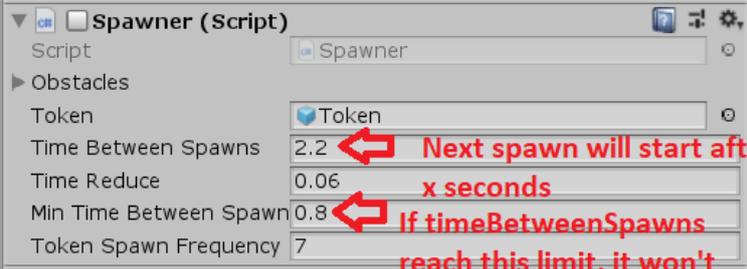


Spawner:

You can add new obstacles to be spawned

The next spawn will start sooner by this value

The lower this value is - the token spawns more frequently



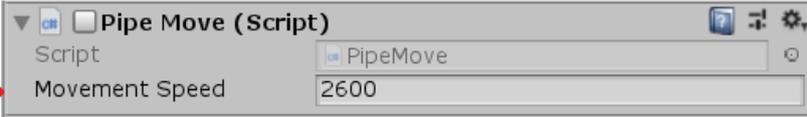
Next spawn will start after x seconds

If timeBetweenSpawns reach this limit, it won't decrease anymore

Property	Value
Script	Spawner
Obstacles	
Token	Token
Time Between Spawns	2.2
Time Reduce	0.06
Min Time Between Spawns	0.8
Token Spawn Frequency	7

Tunnel:

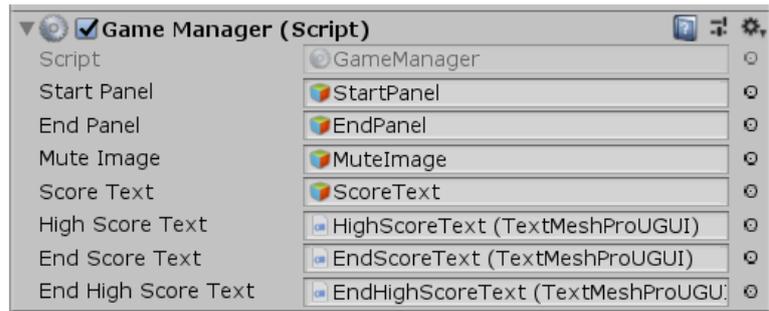
You can change the speed of the pipes/tunnel



Property	Value
Script	PipeMove
Movement Speed	2600

GameManager:

GameManager script contains the main functions of the game. It manages scenes (starts, restarts the level), enables/disables scripts and gameObjects, switches between panels



ObjectDestroyer:

ObjectDestroyer script is responsible for destroying every object that collides with it



Best regards, Ragendom