



Daily Rewards

January 2018

by
Niobium Studios

Overview

Daily Rewards is a great way to increase retention but also helps monetization as players get a sense of the benefit of having more coins/currency within the game.

This asset contains Daily Rewards and Timed Rewards.

Updating from previous versions

If you're updating from a previous version make sure to backup your Daily Rewards configuration first.

Delete Daily Rewards folder before importing the current version.

Quick Setup

Import this package into a new project

Drag one the following prefabs to your scene:

DailyRewardsLandscape

DailyRewardsPortrait

TimedRewards

Features

- Supports multiple days or even weeks or months
- Time your rewards for any interval
- Mobile ready
- Easy to configure and integrate into your project

Daily Rewards

Daily Rewards consists on a single prefab with two scripts:

- Daily Rewards configuration
- Daily Rewards interface controller



Here is what you can tweak on Daily Rewards configuration:

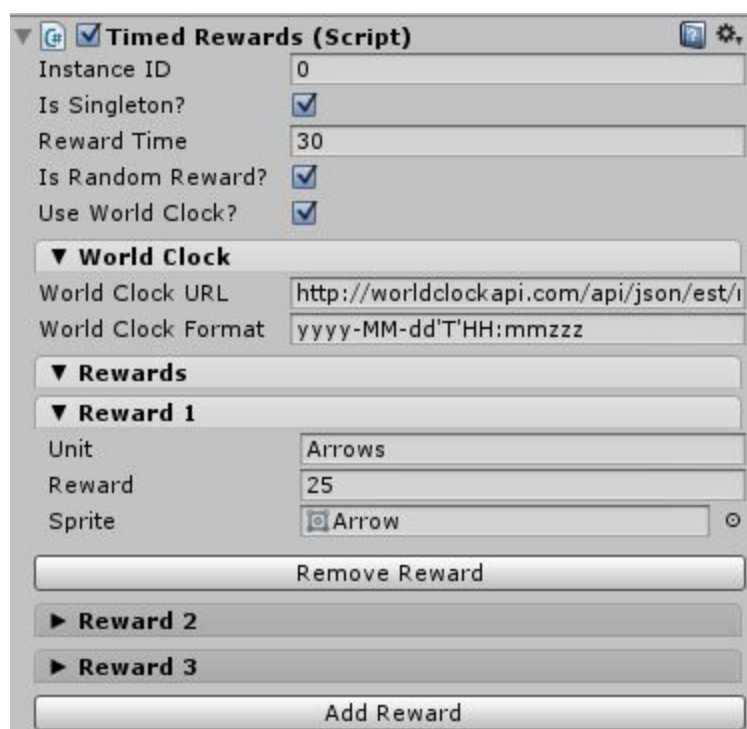
- Instance ID
 - If you need more than one instance of Daily Rewards running for different rewards you can set distinct ids here. You may leave at 0 if you have only one instance.
 - Different instances can be called through: `DailyRewards.GetInstance(id)`
- Is Singleton
 - On: If you're managing Daily Rewards through script and want it to stay active through your whole game you may set it on.

- Off: If you have a main scene that opens daily rewards every time
- Keep Open
 - On: Keeps Daily Rewards Open even when there are no rewards available. Useful to show remaining time.
 - Off: Closes Daily Rewards Canvas if there are no rewards available and closes the canvas when the player claims the reward.
- World Clock is the anti-cheat mechanism. Is is explained better below.
- Rewards
 - Here you can add/remove rewards.
 - Unit: The reward name.
 - Reward: The Reward amount. If it is set to 0 (zero) only the Unit is shown at the interface.
 - Sprite: The sprite representing the reward shown at the interface.

Timed Rewards

Timed Rewards consists on two scripts:

- Timed Rewards configuration
- Timed Rewards interface controller

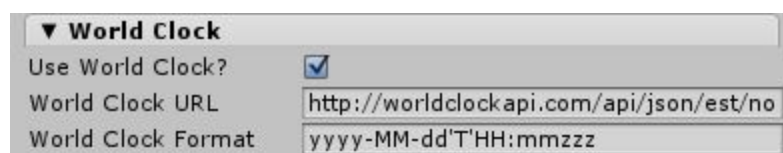


Here is what you can tweak on Timed Rewards configuration:

- Instance ID
 - If you need more than one instance of Timed Rewards running for different rewards you can set distinct ids here. You may leave at 0 if you have only one instance.
 - Different instances can be called through: `DailyRewards.GetInstance(id)`
- Is Singleton
 - On: If you're managing Daily Rewards through script and want it to stay active through your whole game you may set it on.
 - Off: If you have a main scene that opens daily rewards every time
- Reward Time: How many seconds the clock will tick until the reward is available

- Is Random Reward?: When set to true it will pick a random reward from the available rewards when claimed.
- World Clock is the anti-cheat mechanism. Is is explained better below.
- Rewards
 - Here you can add/remove rewards. If you have more than one reward a panel pops up so the player can choose his reward. If there is only one reward, the player picks this one reward.
 - Unit: represents the string representation of your reward as it should be shown at the interface.
 - Reward: The Reward amount. If it is set to 0 (zero) only the Unit is shown at the interface.
 - Sprite: The sprite representing the reward shown at the interface.

World Clock



The screenshot shows a configuration panel titled "World Clock" with a dropdown arrow. It contains three settings: "Use World Clock?" with a checked checkbox, "World Clock URL" with a text input field containing "http://worldclockapi.com/api/json/est/no", and "World Clock Format" with a text input field containing "yyyy-MM-dd'T'HH:mmzzz".

Both Daily Rewards and Timed Rewards uses an anti cheat API called World Clock to load the current Date Time. The only drawback is that the game needs an active online connection or the UI won't show.

If this is not the case you can uncheck "Use World Clock" flag on either Daily Rewards or Timed Rewards configuration.

World Clock URL: Is the JSON string that loads the clock settings. Don't change it unless you know what you're doing.

World Clock Format: Is the string format of the World Clock. Don't change it unless you know what you're doing.

Integration

To integrate Daily Rewards and Timed Rewards with your project you requires a little scripting. Two scripts with snippets were created to help you on this task:

- IntegrationDailyRewards.cs
- IntegrationTimedRewards.cs

```
using UnityEngine;
using NiobiumStudios;

/**
 * This is just a snippet of code to integrate Daily Rewards into your project
 *
 * Copy / Paste the code below
 */
public class IntegrationDailyRewards : MonoBehaviour
{
    void OnEnable()
    {
        DailyRewards.GetInstance(0).onClaimPrize += OnClaimPrizeDailyRewards;
    }

    void OnDisable()
    {
        DailyRewards.GetInstance(0).onClaimPrize -= OnClaimPrizeDailyRewards;
    }

    // this is your integration function. Can be on Start or simply a function to be called
    public void OnClaimPrizeDailyRewards(int day)
    {
        //This returns a Reward object
        Reward myReward = DailyRewards.GetInstance().GetReward(day);
    }
}
```

```
// And you can access any property
print(myReward.unit); // This is your reward Unit name
print(myReward.reward); // This is your reward count

var rewardsCount = PlayerPrefs.GetInt ("MY_REWARD_KEY", 0);
rewardsCount += myReward.reward;

PlayerPrefs.SetInt ("MY_REWARD_KEY", rewardsCount);
PlayerPrefs.Save ();
    }
}
```

Just Copy/Paste the contents into your own project then you're ready to go.

Support

For further questions and support you can leave a message on [Unity 3D forums](#), check the Demo page: <http://niobiumstudios.com/project/daily-rewards/> or just send me an email to: contact@niobiumstudios.com.

Don't forget to rate!