```
using System.Collections.Generic;
using UnityEngine;
using UnityEngine.SceneManagement;
   public class SoundManager : SingletonM
       [SerializeField, Range(0, 1), Tooltip("マスタ肯置")] static float volume - 1:
[SerializeField, Range(0, 1), Tooltip("BGMの資量")] static float bgm/volume - 1;
[SerializeField, Range(0, 1), Tooltip("SEの資量")] static float seVolume - 1:
       AudioClip[] bgm;
AudioClip[] se;
       Dictionary-string, int> bgmIndex = new Dictionary-string, int>();
Dictionary-string, int> selndex = new Dictionary-string, int>();
       public float Volume
   pabli fig.

{

set

set

colore = Model Clamy03 (value)

lagendustioure volume - spet/dume * volume;

schuldoSoure volume - set/dume * volume;

get

esturn volume;

}

set.
         public float BgmVolume
     public void Awake()
{
    if (this != Instance)
    {
        Destroy(gameObject);
        return;
    }
             DontDestroyOnLoad(gameObject); \\ bgmAudioSource = gameObject.AddComponent<AudioSource>(); \\ seAudioSource = gameObject.AddComponent<AudioSource>(); \\ candonsource>(); \\ candonsource>
         for (int i = 0; i < bgm.Length; i++) {
   bgmIndex.Add(bgm[i].name, i);
}
             f for (int i = 0; < sal.ength; +>) {
    selnder, Add(sel); name, (;)
} if (Scenedarager, Selat-circliscene(), name == "menu";
} if (Specedarager, Selat-circliscene(), name == "menu";
} if (Specedarager, Selat-circliscene(), name == "menu";
} Paysignally, name"; nar.f;
}
}
               }
else if(SceneManager.GetActiveScene().name == "option")
{//Optionのシーンでやりたい処理
PlayBgmByName("cat");
                 if (bgmlindex.ContainsKey(name))
   「
Debug LogErnol"策定された名前のBBMファイルが存在しません。":
sturn 0:
}
}
         public int GetSelndex(string name)
           //BGM再生
public void PlayBgm()nt index)
             {
index = Mathf.Clamp(index, 0, bgm.Length);
               bgmAudioSource_clip = bgm[Index];
bgmAudioSource_loop = true;
bgmAudioSource_vloume = BgmVolume * Volume;
bgmAudioSource_vlay();
       {
    PlayBgm(GetBgmIndex(name));
}
           public void StopBgm()
                 bgmAudioSource.Stop();
bgmAudioSource.clip = null;
         //SE再生
public void PlaySe(int index)
               index = Mathf.Clamp(index, 0, se.Length);
         seAudioSource.PlayOneShot(se[index], SeVolume * Volume);
           public void PlaySeByName(string name)
       {
    PlaySe(GetSeIndex(name));
}
 public void StopSe()
{
    seAudioSource.Stop();
    seAudioSource.clip = null;
}
```