



Cheating My Way To Valhalla: Unity Hacking for Vikings

player_entity

```
public class Player : Humanoid {  
    string playerName = "Gr1mmie";  
    string playerDesc = "I like building tools and making things do things they shouldn't";  
    string[] interests = { "Proud Sufferer of OOOHHHShinySyndrome", "Malware Dev/Analysis + Rev Eng", "Capabilities Dev", "Gaming", "Culinary Abominations", "Paintball" };  
    string currentRole = "Pentester-For-Hire@RSM";  
    string prevRoles = { "R&D@FortyNorthSecurity", "Intern@GuidePointSecurity" }  
}
```

Agenda

1. Tools
2. Quick Intro to The Unity Engine
3. Quick Rundown of Common Cheats
4. Creating and Loading Unity Cheat
5. General Objectives When Writing Game Hacks
6. Hacking Valheim

> Loading Module: Agenda.dll

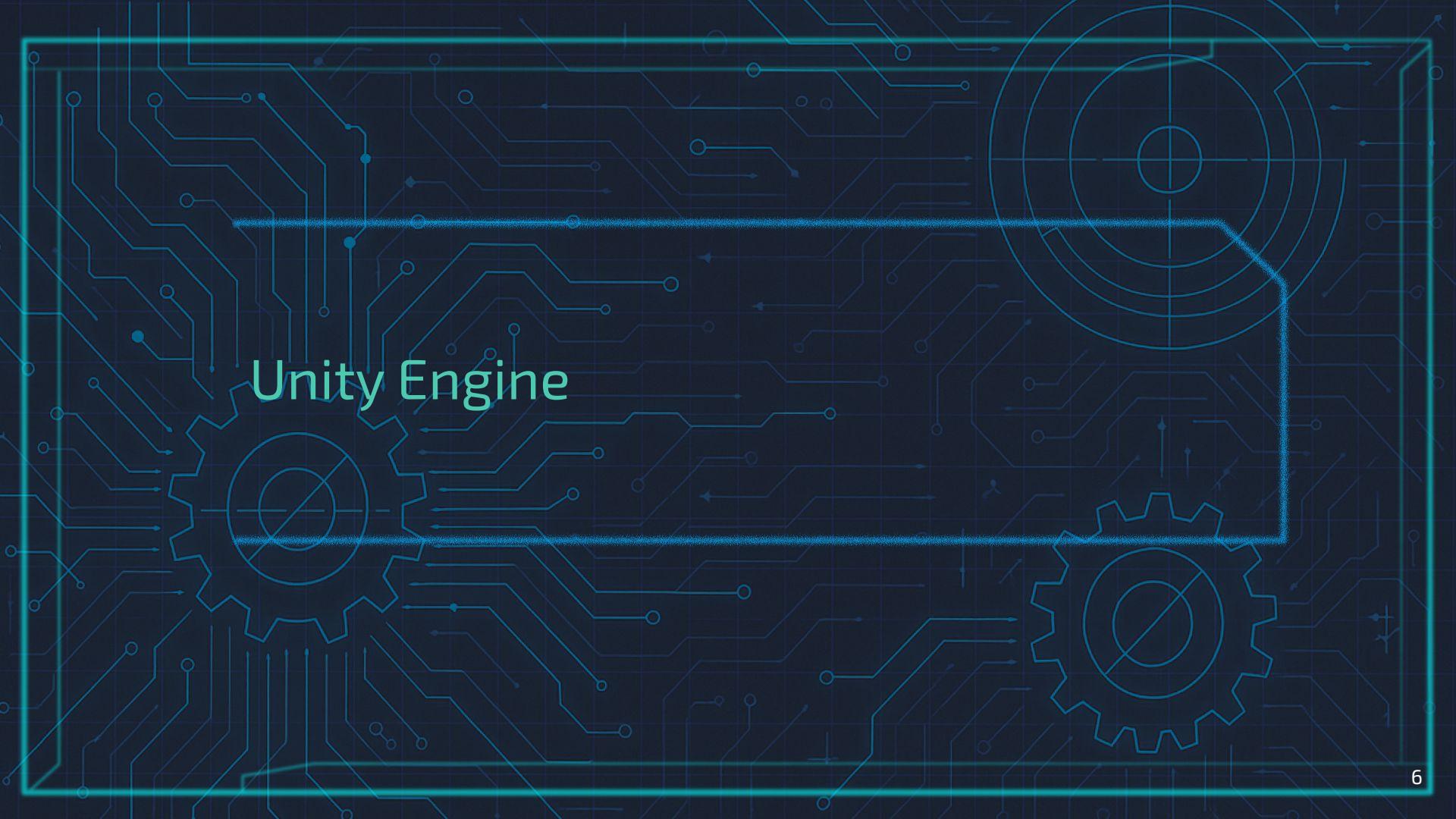
Disclaimer (CMA)

I am not responsible for anything done with the information presented through this talk, blah blah blah. This is purely for educational purposes only and I do not promote nor do I condone the use of cheats in multiplayer games to gain an unfair advantage over other players. All cheats I write are used either only in single player mode, with bots, or with friends. I advise you do the same so you don't get banned etc.

Tools

- A general understanding of OOP languages and how they function/interact
- Enough knowledge of C# to read the code and hack together errrrr..."functionality"
- C# decompiler of your choosing, I like DNSpy
- IDE of your choosing, I am a madman and use Visual Studio
- Valheim (shocker, I know)
 - Or Unity game using Mono Framework, these techniques are effectively primitives and can be used in any mono game

> Loading Module: DotnetTooling.dll



Unity Engine

Intro To Unity Engine

- Game Engine allowing games to be created using C#
- Capable of creating 2D, 3D, VR/MR games
- Everything is an object, makes things way easier
- Serves as the engine for the following games
 - Batman: Arkham Shadow
 - Beat Saber
 - Cuphead
 - Escape from Tarkov
 - And many more

> Loading Module: UnityEngine.dll

Unity Engine: Variants

Mono

- Compiled just like any other C# assembly (JIT)
 - Decompiles.....just like any other C# assembly

External1 (D:) > SteamLibrary > steamapps > common > Valheim

Name
D3D12
MonoBleedingEdge
valheim_Data

Date modified
9/9/2025 7:07 AM
8/23/2025 1:54 PM
9/18/2025 6:05 PM

IL2CPP

- Compiles to native binary (AOT)
 - Bit more of a pain to rev

External1 (D:) > SteamLibrary > steamapps > common > Windblown > Windblown_Data

Name	Date modified	Type
il2cpp_data	5/17/2025 12:28 PM	File folder
Plugins	5/17/2025 12:28 PM	File folder
Resources	6/5/2025 7:01 AM	File folder
StreamingAssets	7/1/2025 4:24 AM	File folder



Cheats

Cheat Types!

External

- Executed from outside of the game process, reaching within to access resources
- More limited than an internal cheat

Internal

- Loads within the game process, allowing much more access to resources
- Much easier to access internal pointers, functions, etc.

• ac_client.exe
• ac_server.exe
■ dbghelp.dll
■ dbghelpTEEEHEE.dll

11/10/2013 2:29 PM	Application	1,088 KB
11/10/2013 2:29 PM	Application	366 KB
5/16/2025 7:12 AM	Application extension	1,593 KB
8/22/2025 4:10 PM	Application extension	55 KB

> Loading Module: dbghelp.dll

Property (Memory) Hacking

- Simplest form of a game cheat
- Allows cheat devs to modify a game value to whatever they see fit
- Want 99999 health/ammo/armor/etc.? Done

Item Cheats

- Requires an understanding of how a game generates and utilizes items
- Implementation can vary quite a bit based on the game (or even engine used)

> Loading Module: Cheats.dll -> ItsDupingTime()

God Mode

- Usually involves writing in a custom function
- Few ways to approach this
 1. Patch the operation that deals damage
 2. "Freeze" health value at a set point
 3. Make it so that you never go below 1 HP
 4. ...or just run the SetGodMode() function?

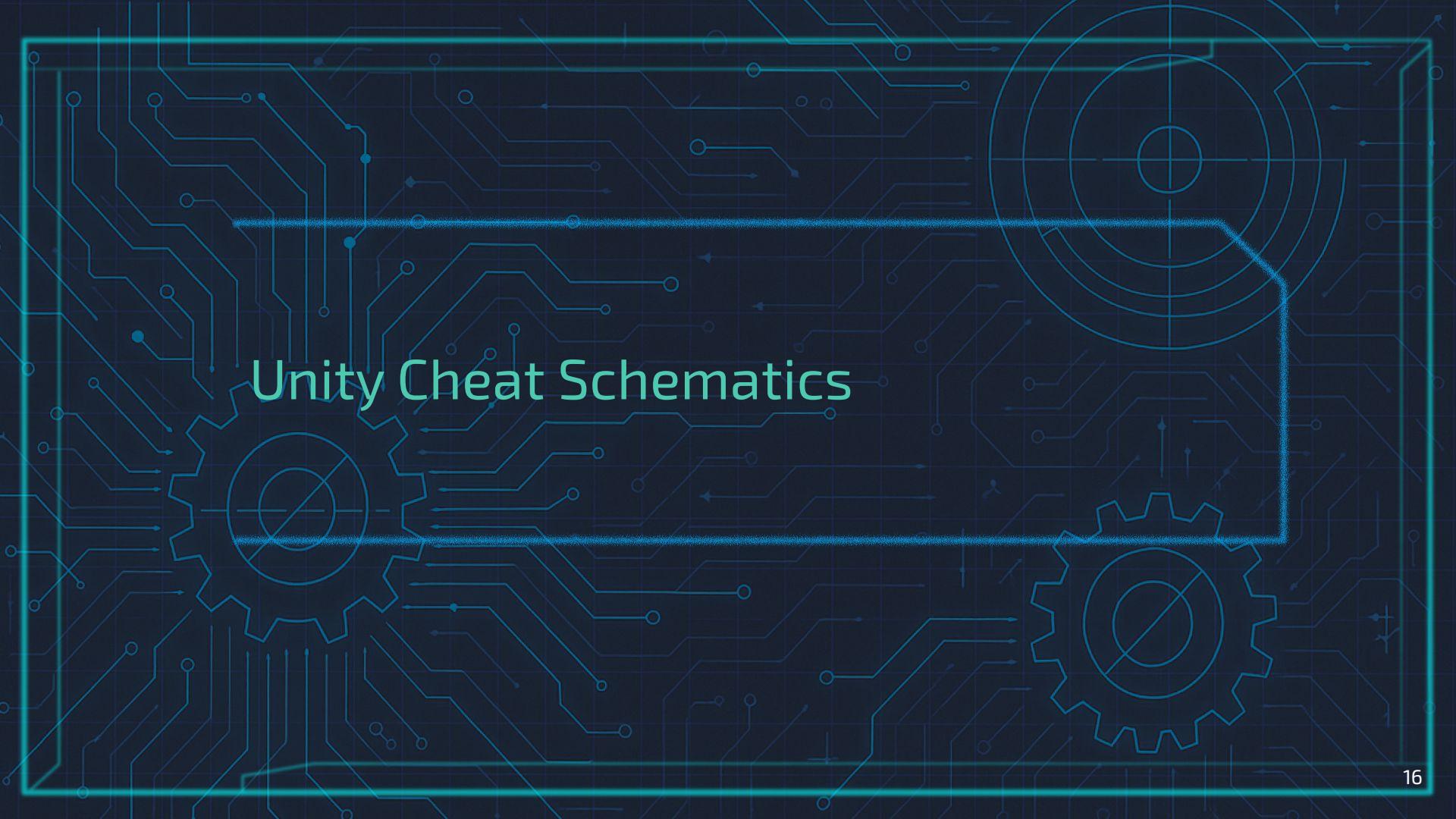
ExtraSensory Perception (ESP)

Wall hax BABYYYYYYYYYYYYYYYY

- Requires understanding of the following
 - How the game handles entities + gaining access to the requisite entity list to gain access to the position of said entities
 - Calculating distance between current player and said entities
 - Working with the game's camera object
 - Casting 3D objects into a 2D visible space
- ESPs can be written to track all sorts of things including
 - enemies (wall hacks)
 - items
 - pretty much anything tracked by the game

Teleportation Hacks

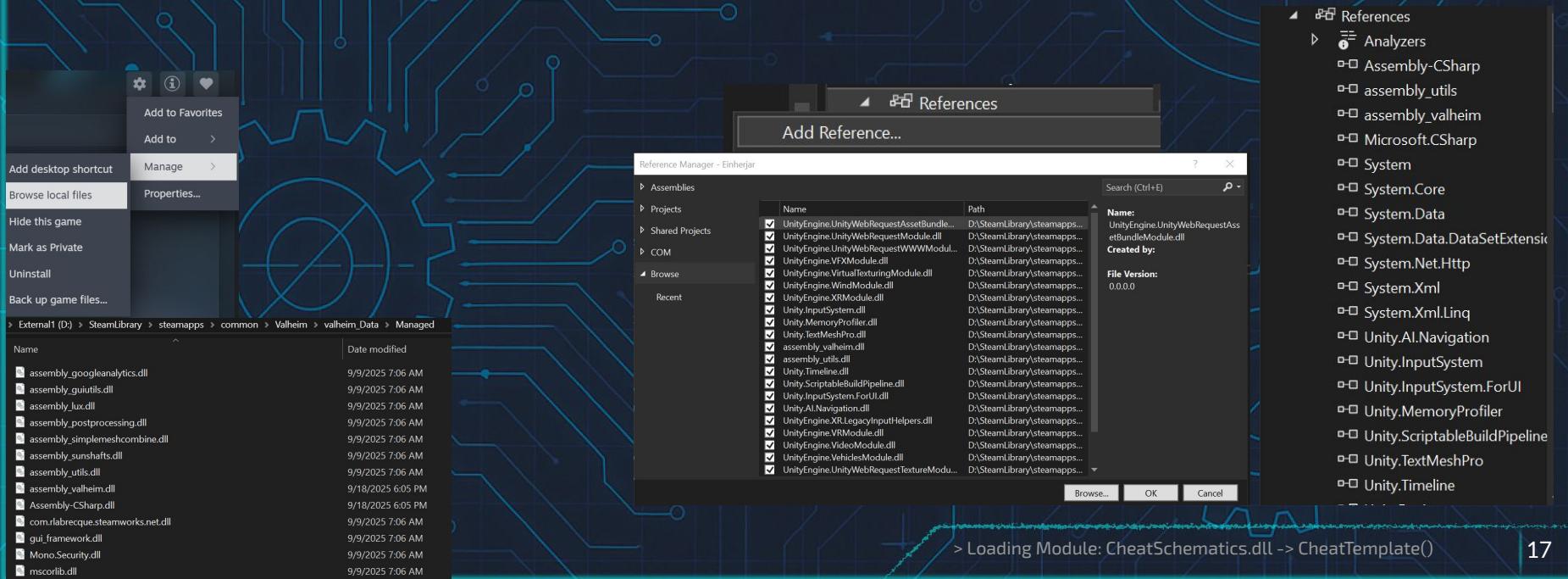
- You like skydiving? I don't....as a viking at least
- Involves modifying location coords of a player object
- ...Or just find and run the teleport function?



Unity Cheat Schematics

Importing Unity (& Game Functions)

1. Find game files (can be done via Browse local files on game page)
2. Copy-Paste all assembly*, Unity*, and UnityEngine* DLLs into Visual Studio References
 - a. If you find an ImGui DLL then grab that too, sometimes games use custom drawing libs



Vikings First Cheat!

```
1  using UnityEngine;
2
3  namespace Valhalla
4  {
5
6      0 references
7      public class Loader {
8
9          public static readonly GameObject gameObj = new GameObject();
10
11         /// <summary>
12         /// This is what the inject runs as the entry point
13         /// </summary>
14         0 references
15         public static void Load() {
16             // Loads our component (cheat) into the game
17             gameObj.AddComponent<Einherjar>();
18
19             // prevents our mono component from being prematurely destroyed
20             Object.DontDestroyOnLoad(gameObj);
21
22             /// <summary>
23             /// Cleanup function when unloading DLL, destroys the game object we have loaded into the game process
24             /// </summary>
25             0 references
26             public static void Unload() { Object.Destroy(gameObj); }
27         }
28
29     }
30 }
```

```
1  using System.Collections.Generic;
2  using UnityEngine;
3
4  namespace Valhalla
5
6  4 references
7  internal class Einherjar : MonoBehaviour {
8
9
10    // instantiate various objects as to not instantiate every frame cycle
11    Player player;
12    public static List<Character> characters = new List<Character>();
13
14    public static bool entityESP = false, itemESP = false;
15    public static string lastTeleport = "";
16
17    /// <summary>
18    /// Called once when component is initialized
19    /// </summary>
20    0 references
21    public void Start() {
22
23        /// <summary>
24        /// Triggered at set frequencies, used most commonly for physics operations
25        /// </summary>
26        0 references
27        public void FixedUpdate() {
28
29            /// <summary>
30            /// Triggered once per frame at the beginning of the frame cycle
31            /// </summary>
32            0 references
33            public void Update() {
34
35                /// <summary>
36                /// Triggers modification on next frame update cycle
37                /// </summary>
38                0 references
39                public void LateUpdate() {
40
41
42                /// <summary>
43                /// Triggered every time GUI elements are rendered (once every frame) and GUI event occurs
44                /// </summary>
45                0 references
46                public void OnGUI() {
47                    // mod load msg
48                    GUI.Label(new Rect(50, 350, 500, 200), "Teehee...Ehe te Nandayo");
49
50
51
52        }
53    }
54 }
```

> Loading Module: CheatSchematics.dll -> Template()

Unity Engine Game Flow

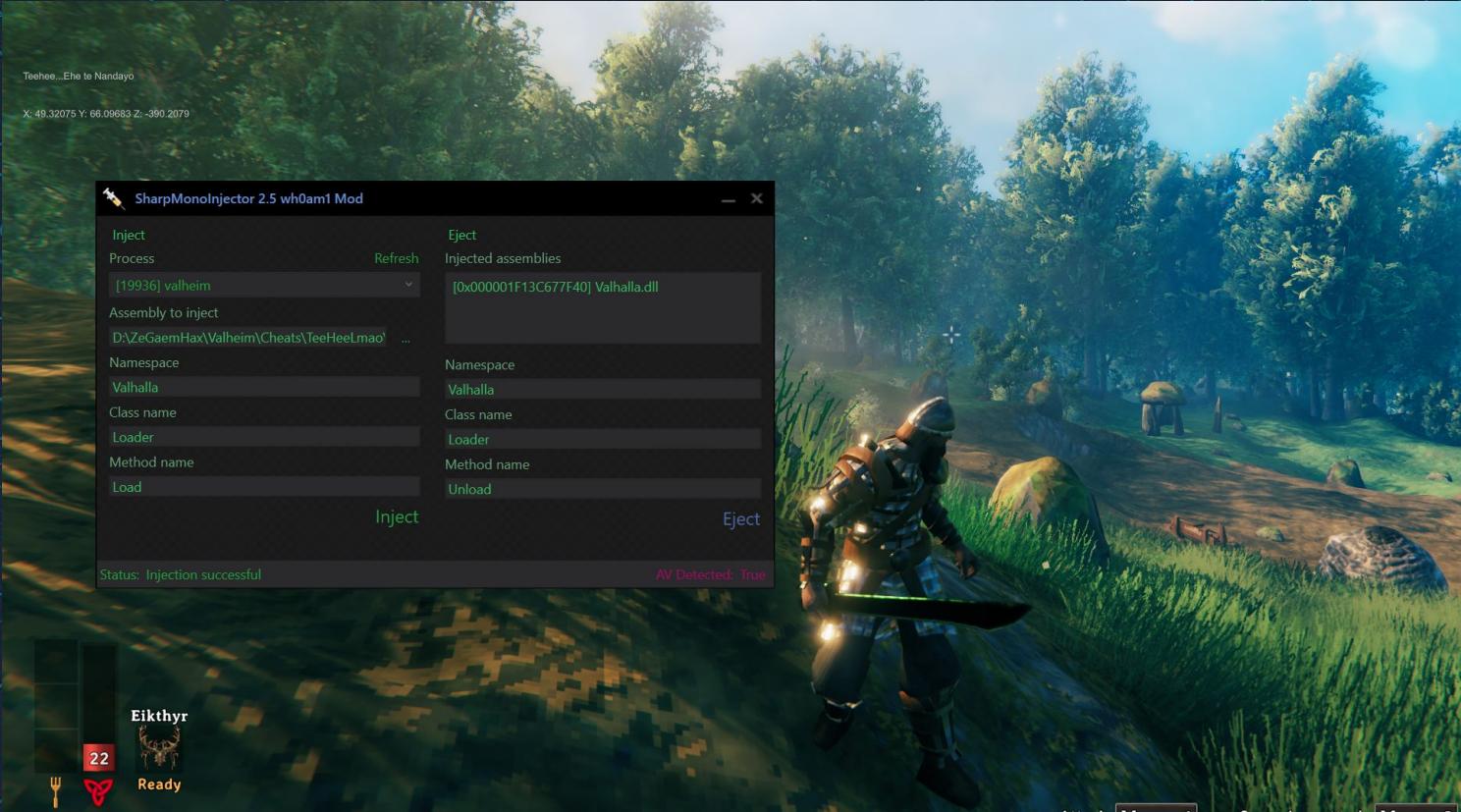
- Executes a sequence of functions determining actions to be performed each "frame cycle" (™ not really)
- "frame cycle"?
 - A full loop of all operations performed to generate/operate on a frame (gameplay, physics, draw calls, etc.)
 - FPS = how many frame cycles per second. This is why higher frame rate is correlated with better performance

> Loading Module: CheatSchematics.dll -> Flow()

Unity Engine Game Flow: Key Functions

- Awake()
 - Runs at start of object instantiation before all other functions
- Start()
 - Triggers once before any update functions are called
- FixedUpdate()
 - Part of physics loop, is called at fixed intervals. Can be called multiple times per frame
- Update()
 - Triggers on every frame cycle
 - Code is executed at the start of frame cycle
- LateUpdate()
 - Triggered after all other update calls have finished in a frame cycle
 - Code is executed in next frame cycle
- OnGUI()
 - Triggers everytime a GUI element is rendered and a GUI event occurs
 - Only function capable of rendering/performing GUI actions...sweet mother of lag

Loading Our Unity Cheat



Game Hacking Objectives

- Obtaining player object – pretty much Domain Admin/Global Admin/etc.
 - Can be used to access weapon/item, player stats, location, etc.
- Reversing enough of game to replicate/create functionality
 - I.e finding Ammo decrement code and patching so that ammo is not depleted when shooting
- Accessing requisite game objects/internal functions

Obtaining Player Object

- The DA of Game Hacking...kinda
 - Provides access to all properties tied to player object
 - Serves as the base for building player-related cheats (think ammo/weapon mods, invincibility, etc.)

4 references

```
internal class Einherjar : MonoBehaviour {

    // instantiate various objects as to not instantiate every frame cycle
    Player player;
    public static List<Character> characters = new List<Character>();

    public static bool entityESP = false, itemESP = false;
    public static string lastTeleport = "";

    /// <summary>
    /// Called once when component is initialized
    /// </summary>
    0 references
    public void Start() {
        // get player object on component load
        player = Object.FindObjectOfType<Player>();

        // upgrade player base stats
        EinherjarMods.PlayerUpgrade(player);
    }
}
```

1 reference

```
public static void PlayerUpgrade(Player playerObj) {
    // modify base player stats and properties
    playerObj.m_baseHP = 100;
    playerObj.m_health = playerObj.m_baseHP;
    playerObj.m_baseStamina = 150;
    playerObj.m_maxCarryWeight = 5000;
    playerObj.m_autoPickupRange = 5;
    playerObj.m_baseCameraShake = 0;

    // modify stamina
    playerObj.m_staminaRegen = 15;
    playerObj.m_staminaRegenDelay = 0;
}

> Loading Module: CheatSchematics.dll -> PlayerObject()
```

But first...Mono Objects

- Throw back to OOP!
- This is C#...so everything is an object
 - If everything is an object, then we have to fetch it as an object

```
4 references
internal class Einherjar : MonoBehaviour {

    // instantiate various objects as to not instantiate every frame cycle
    Player player;
    public static List<Character> characters = new List<Character>();

    public static bool entityESP = false, itemESP = false;
    public static string lastTeleport = "";

    /// <summary>
    /// Called once when component is initialized
    /// </summary>
0 references
public void Start() {
    // get player object on component load
    player = Object.FindObjectOfType<Player>();

    // upgrade player base stats
    EinherjarMods.PlayerUpgrade(player);
}
```

Offset this, Offset that, Offset ...ah nevermind

- Approach to hacking native games: find offset -> validate offset -> use for cheats
- Unity games == OOP...so just fetch object/property

```
uintptr_t player_entity_ptr = moduleBase + player_entity_offset1;

std::cout << "[*] Ptr -> Entity Addr: 0x" << std::hex << player_entity_ptr << std::endl;

// define offsets
std::vector<unsigned int> health_offset = { 0xF8 };
std::vector<unsigned int> armor_offset = { 0xFC };
std::vector<unsigned int> assault_rifle_ammo_offset = { 0x150 };
std::vector<unsigned int> grenade_offset = { 0x158 };

std::vector<unsigned int> ammo_offset = { 0x374, 0x14, 0x00 };
uintptr_t ammo = proc::GetOffsetAddr(hProc, player_entity_ptr, ammo_offset);
int ammo_value = 0;
ReadProcessMemory(hProc, (BYTE*)ammo + 0, &ammo_value, sizeof(ammo_value), nullptr);
std::cout << "Ammo Addr: 0x" << std::hex << ammo << std::endl;
std::cout << "Ammo Value: " << std::dec << ammo_value << std::endl;

// modify values
hacks::ModifyPlayerComponent(hProc, player_entity_ptr, health_offset, 404);
hacks::ModifyPlayerComponent(hProc, player_entity_ptr, armor_offset, 418);
hacks::ModifyPlayerComponent(hProc, player_entity_ptr, assault_rifle_ammo_offset, 500);
hacks::ModifyPlayerComponent(hProc, player_entity_ptr, grenade_offset, 5);

// unlimited grenades
hacks::UnlimitedGrenades(hProc, moduleBase, true);
```

```
1 reference
public static void GenerateItem(Player playerObj, Talker talker, string itemName)
{
    Inventory inventory = playerObj.GetInventory();
    GameObject itemPrefab = ObjectDB.instance.GetItemPrefab(itemName);
    GameObject gameObject = Object.Instantiate<GameObject>(itemPrefab);
    ItemDrop newItem = gameObject.GetComponent<ItemDrop>();

    inventory.AddItem(newItem.m_itemData);
}

1 reference
public static void RepairAllItems(Player playerObj, Talker talker) {
    List<ItemDrop.ItemData> items = playerObj.GetInventory().GetAllItems();

    foreach (ItemDrop.ItemData item in items) {
        if (item.m_durability != item.GetMaxDurability()) {
            //talker.Say(Talker.Type.Whisper, "[*] Repairing item " + item.m_shared.m_name);
            item.m_durability = item.GetMaxDurability();
        }
    }
}
```

> Loading Module: CheatSchematics.dll -> UnityFunctions()



Einherjar: To Valhalla We Ascend

Reversing Valheim

Player @02000029

- ▷ Base Type and Interfaces
- ▷ Derived Types
 - ↳ .cctor() : void @06000459
 - ↳ Player() : void @06000458
 - ↳ ActivateGuardianPower() : bool @0600040A
 - ↳ AddAdrenaline(float) : void @0600039F
 - ↳ AddEitr(float) : void @0600039D
 - ↳ AddKnownBiome(Heightmap.Biome) : void @060003B6
 - ↳ AddKnownItem(ItemDrop.ItemData) : void @060003BF
 - ↳ AddKnownLocationName(string) : void @060003B7
 - ↳ AddKnownPiece(Piece) : void @060003BA
 - ↳ AddKnownRecipe(Recipe) : void @060003B9

```
1 // Player
2 // Token: 0x0400042D RID: 1069
3 [Header("Effects")]
4 public EffectList m_buttonEffects = new EffectList();
5 // Token: 0x0400042E RID: 1070
6 private List<string> m_readyEvents = new List<string>();
7 // Token: 0x04000441 RID: 1089
8 [Header("Player")]
9 public float m_maxPlaceDistance = 5f;
10 // Token: 0x04000442 RID: 1090
11 public float m_maxInteractDistance = 5f;
12 // Token: 0x04000443 RID: 1091
13 public float m_scrollSens = 4f;
14 // Token: 0x04000444 RID: 1092
15 public float m_autoPickupRange = 2f;
16 // Token: 0x04000445 RID: 1093
17 public float m_maxCarryWeight = 300f;
18 // Token: 0x04000446 RID: 1094
19 public float m_encumberedStaminaDrain = 10f;
```

```
1 // MonsterAI
2 // Token: 0x060000E1 RID: 225 RVA: 0x0000BEC6 File Offset: 0x0000A0C6
3 protected override void OnDamaged(float damage, Character attacker)
4 {
5     base.OnDamaged(damage, attacker);
6     this.Wakeup();
7     this.SetAlerted(true);
8     this.SetTarget(attacker);
9 }
10 }
```

Minimap @02000089

- ▷ Base Type and Interfaces
- ▷ Derived Types
 - ↳ .cctor() : void @06000986
 - ↳ Minimap() : void @06000985
 - ↳ AddPin(Vector3, Minimap.PinType, string, bool, bool, I
 - ↳ AddSharedMapData(byte[]) : bool @06000984
 - ↳ Awake() : void @06000921
 - ↳ CenterMap(Vector3) : void @06000936
 - ↳ ClearPins() : void @06000980
 - ↳ CreateMapNamePin(Minimap.PinData, RectTransform)
 - ↳ DelayActivation(GameObject, float) : IEnumerator @06000940
 - ↳ DeleteMapTextureData(string) : void @06000954
 - ↳ DestroyPinMarker(Minimap.PinData) : void @0600094
 - ↳ DiscoverLocation(Vector3, Minimap.PinType, string, bo
 - ↳ Explore(Vector3, float) : void @0600094D
 - ↳ Explore(int, int) : bool @0600094E
 - ↳ ExploreAll() : void @06000948

- ▷ MonsterAI @020000FF
- ▷ Base Type and Interfaces
- ▷ Derived Types
 - ↳ .cctor() : void @06000102
 - ↳ MonsterAI() : void @06000101
 - ↳ Awake() : void @060000DF
 - ↳ CanConsume(ItemDrop.ItemData) : bool @060000EA
 - ↳ DespawnInDay() : bool @060000EE
 - ↳ DoAttack(Character, bool) : bool @060000EC
 - ↳ DrawAILabel() : void @060000F3
 - ↳ FindClosestConsumableItem(float) : ItemDrop @060000F
 - ↳ GetFollowTarget() : GameObject @060000FF
 - ↳ GetStaticTarget() : StaticTarget @060000F5
 - ↳ GetTargetCreature() : Character @060000F4
 - ↳ HuntPlayer() : bool @060000FE
 - ↳ IsEventCreature() : bool @060000F0
 - ↳ IsSleeping() : bool @060000FC
 - ↳ MakeTame() : void @060000E4
 - * OnDamaged(float, Character) : void @060000E1

> Loading Module: RevEng.dll -> Rev()

Reversing Valheim: Funny Things I've Found

CensorShittyWords @02000134

- Base Type and Interfaces
- Derived Types
- cctor() : void @06001243
- <Filter>_g_FilterInternal|1_(string, out string) : bool @06001244
- <Filter>_g_GenerateNormalizedLists|1_0() : void @06001245
- <TryShowUGCNotification>g_OnResolvePrivilege : void @0600123A
- ClearCache() : void @0600123A
- DetermineUGCFilteringMethod(UGCType, PlatformUserD) : bool @06001237
- Filter(string, out string, out bool) : bool @06001238
- Filter(string, out string, out bool) : bool @06001239
- Filter(string, out string, List<string>[], List<string>[]) : bool @0600123A
- FilterUGC(string, UGCType, long) : string @0600123B
- FilterUGC(string, UGCType, PlatformUserD, long) : string @0600123C
- GetPermissionFromUGCType(UGCType) : Permission @0600123D
- GetPrivilegeFromUGCType(UGCType) : Privilege @0600123E
- Normalize(string) : string @06001241
- NormalizeStrict(string) : string @06001242
- NormalizeStrict(string) : string @06001243
- TryShowUGCNotification(bool) : void @06001240
- blacklistDefault : List<string> @0400113A
- blacklistDefaultNormalizedStrict : List<string> @0400113B
- cachedCensored : Dictionary<string, string> @0400113C
- cachedNotCensored : HashSet<string> @0400113D
- equivalentLetterPairs : Dictionary<char, char> @0400113E
- m_censoredWords : List<string> @04001143
- m_censoredWordsAdditional : List<string> @04001144
- m_censoredWordsXbox : List<string> @04001144
- m_exemptNames : List<string> @04001147
- m_exemptPlaces : List<string> @04001148
- m_exemptWords : List<string> @04001146
- normalizedListsGenerated : bool @04001139
- ResolvePrivilege : Action<Privilege> @04001140
- ugcNotificationShown : bool @0400113F
- UGCPopupShown : Action @04001141
- whitelistDefault : List<string> @0400113B
- whitelistDefaultNormalized : List<string> @0400113C
- whitelistDefaultNormalizedStrict : List<string> @0400113D

CensorShittyWords

```
// Token: 0x06001239 RID: 4605 RVA: 0x000821C8 File Offset: 0x000803C8
public static bool Filter(string input, out string output, List<string>[] blacklists, List<string>[] whitelists)
{
    string thisString = CensorShittyWords.Normalize(input);
    string thisString2 = CensorShittyWords.NormalizeStrict(input);
    Dictionary<string, List<int>> dictionary = new Dictionary<string, List<int>>();
    foreach (List<string> list in blacklists)
    {
        for (int j = 0; j < list.Count; j++)
        {
            string substring = CensorShittyWords.NormalizeStrict(list[j]);
            int[] array2 = thisString2.AllIndicesOf(substring);
            if (array2.Length != 0)
            {
                if (dictionary.ContainsKey(list[j]))
                {
                    for (int k = 0; k < array2.Length; k++)
                    {
                        if (dictionary[list[j]].Contains(array2[k]))
                        {
                            dictionary[list[j]].Add(array2[k]);
                        }
                    }
                }
                else
                {
                    dictionary.Add(list[j], new List<int>(array2));
                }
            }
        }
    }
    if (dictionary.Count <= 0)
    {
        output = input;
        return false;
    }
    foreach (List<string> list in whitelists)
    {
        for (int l = 0; l < list2.Count; l++)
        {
            string substring2 = CensorShittyWords.Normalize(list2[l]);
            int[] array3 = thisString2.AllIndicesOf(substring2);
            if (array3.Length != 0)
            {
                string thisString3 = CensorShittyWords.NormalizeStrict(list2[l]);
                Dictionary<string, int> dictionary2 = new Dictionary<string, int>();
                foreach (KeyValuePair<string, int> keyValue in dictionary)
                {
                    int[] array4 = thisString3.AllIndicesOf(CensorShittyWords.NormalizeStrict(keyValuePair.Key));
                    if (array4.Length != 0)
                    {
                        dictionary2.Add(keyValuePair.Key, array4);
                    }
                }
                for (int m = 0; m < array3.Length; m++)
                {
                    if (dictionary2.ContainsKey(array3[m]))
                    {
                        dictionary2.Remove(array3[m]);
                    }
                }
                if (dictionary2.Count == 0)
                {
                    output = list2[l];
                    return true;
                }
            }
        }
    }
}
```

```
// Minimap
// Token: 0x06000948 RID: 2376 RVA: 0x00052360 File Offset: 0x00050560
public void ExploreAll()
{
    for (int i = 0; i < this.m_textureSize; i++)
    {
        for (int j = 0; j < this.m_textureSize; j++)
        {
            this.Explore(j, i);
        }
    }
    this.m_fogTexture.Apply();
}
```

```
// Token: 0x06000396 RID: 918 RVA: 0x000227EC File Offset: 0x000209EC
public void SetGodMode(bool godMode)
{
    this.m_godMode = godMode;
}
```

```
// Token: 0x06000397 RID: 919 RVA: 0x000227F5 File Offset: 0x000209F5
public override bool InGodMode()
{
    return this.m_godMode;
}
```

```
// Token: 0x06000398 RID: 920 RVA: 0x000227FD File Offset: 0x000209FD
public void SetGhostMode(bool ghostmode)
{
    this.m_ghostMode = ghostmode;
}
```

```
// Token: 0x06000399 RID: 921 RVA: 0x00022806 File Offset: 0x00020A06
public override bool InGhostMode()
{
    return this.m_ghostMode;
}
```

Hijacking world_text

```
/// <summary>
/// Triggers modification on next frame update cycle
/// </summary>
0 references
public void LateUpdate()
{
    // obtain most recently used camera object
    Camera cam = Utils.GetMainCamera();

    // get a list of all characters every frame cycle
    characters = Character.GetAllCharacters();

    Chat chat = Object.FindObjectOfType<Chat>();
    Talker talker = Object.FindObjectOfType<Talker>();

    // fetch terminal input
    List<Chat.WorldTextInstance> WorldText = chat.WorldTexts;

    if (WorldText[0].m_text.StartsWith(".")) {
        string lastMsg = WorldText[0].m_text;
        string cmd = WorldText[0].m_text.Split('.')[1].Split(' ')[0];
        string[] args = WorldText[0].m_text.Split(' ');
        EinherjarOpts.ParseEinherjarCommand(cmd, args, player, talker, WorldText[0], cam, characters);

        WorldText[0].m_text = "";
    }
}
```

Hijacking world_text...eventually

```
color=orange Grimmie /color :  
color=#FFEB04FF I HAVE ARRIVED! /color  
/color  
color=orange Grimmie /color :  
color=#FFFFFF [CHAT DEBUG] /w [text] -  
Whisper  
/s [text] - Shout  
/die - Kill yourself  
/resetspawn - Reset spawn point  
/[emote]
```

Emotes: wave, sit, challenge, cheer, nonono, thumbsup, point, blowkiss, bow, cower, cry, despair, flex, comehere, headbang, kneel, laugh, roar, shrug, dance, relax, toast, rest

```
color=orange Grimmie /color :  
color=#FFEB04FF I HAVE ARRIVED! /color  
color=orange Grimmie /color :  
color=#FFFFFF [CHAT DEBUG] /w [text] -  
Whisper  
/s [text] - Shout  
/die - Kill yourself  
/resetspawn - Reset spawn point  
/[emote]
```

Emotes: wave, sit, challenge, cheer, nonono, thumbsup, point, blowkiss, bow, cower, cry, despair, flex, comehere, headbang, kneel, laugh, roar, shrug, dance, relax, toast, rest

```
color=orange Grimmie /color :  
color=#FFEB04FF I HAVE ARRIVED! /color  
/color  
/color  
color=orange Grimmie /color :  
color=#FFFFFF [CHAT DEBUG] /w [text] -  
Whisper  
/s [text] - Shout  
/die - Kill yourself  
/resetspawn - Reset spawn point  
/[emote]
```

Emotes: wave, sit, challenge, cheer, nonono, thumbsup, point, blowkiss, bow, cower, cry, despair, flex, comehere, headbang, kneel, laugh, roar, shrug, dance, relax, toast, rest

```
color=orange Grimmie /color :  
color=#FFEB04FF I HAVE ARRIVED! /color  
color=orange Grimmie /color :
```

```
/die - Kill yourself  
/resetspawn - Reset spawn point  
/[emote] Wet Meadows  
Emotes: wave, sit, challenge, cheer, nonono, thumbsup, point, blowkiss, bow, cower, cry, despair, flex, comehere, headbang, kneel, laugh, roar, shrug, dance, relax, toast, rest
```

```
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color=orange Grimmie /color : color=#FFFFFF [CHAT DEBUG] /w [text] - Whisper  
/s [text] - Shout  
/die - Kill yourself  
/resetspawn - Reset spawn point  
/[emote]
```

Grimmie: .help

Grimmie: help - displays this menu - .[command] [args]

Grimmie: entityesp - activates entity esp

Grimmie: itemesp - activates item esp

Grimmie: coords - fetch player coordinates - .coords [player]

Grimmie: tp - teleports player - .tp [x] [z]

Grimmie: repair - repairs all items

Grimmie: heal - heals player - .heal [player]

Grimmie: godmode - toggle god mode (take no dmg past 1hp)

Grimmie: ghostmode - toggle ghost mode (enemies ignore you)

Grimmie: maketp - makes all items in inventory teleportable

Grimmie: searchitem - search for item - .searchitem [itemname]

Grimmie: additem - adds item to player inventory - .additem [itemname]

Grimmie: wthr - sets weather - .wthr [weather]

Grimmie: players - lists all connected players

Grimmie: plsmap - does a funny

Free...From The Shackles Of A Workbench



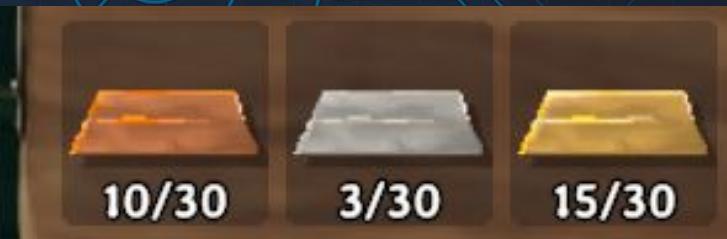
Grimmie: .maketp

Grimmie: [*] making items teleportable

Grimmie: [*] making item \$item_bronze teleportable

Grimmie: [*] making item \$item_tin teleportable

Grimmie: [*] making item \$item_copper teleportable



Grimmie: .repair

Grimmie: [*] repairing items

Grimmie: [*] repairing item \$item_axe_blackmetal

Grimmie: [*] repairing item \$item_bow_huntsman

Grimmie: [*] repairing item \$item_torch

Grimmie: [*] repairing item \$item_sword_blackmetal

Grimmie: [*] repairing item \$item_helmet_iron

Grimmie: [*] repairing item \$item_chest_iron

Grimmie: [*] repairing item \$item_legs_iron



> Loading Module: Einherjar.dll -> RepairPls()

Oh Look, A Deer



> Loading Module: Einherjar.dll -> EntityESP()

Look Ma! NO FOOD!



> Loading Module: Einherjar.dll -> SomeoneSayHealz?()

Thanks & Resources

- Thanks for listening to me yap about Unity for a bit :)
- Resources
 - GuidedHacking.com - Paid, Free Stuff on Youtube
 - <https://www.youtube.com/@GuidedHacking>
 - GameHacking.gg - Free
 - Gamehacking.academy - Free
 - Game hacking site:github.com
 - <https://github.com/dsasmblr/game-hacking>
 - <https://github.com/TheZong/Game-Hacking>
 - <https://github.com/AberFray/how-to-make-game-cheats-and-anticheats>