

### Version 0.53.0 (2019-12-26)

- New: Added .umflib handling and improved mod library support.
- New: Added mod library support to the project generator.
- New: Added Newtonsoft Json and mono serialization libraries.
- New: The installer will now notify windows users to install .NET 4.7.2 or higher if they lack it.
- New: The installer will attempt to correct folder permissions on Linux and MacOS too now.
- New: The installer will notify the user of minor errors and instruct them to read through it.
- New: The installer will now detect some Anti-Cheat systems and warn the user before install.
- New: Added installer argument '-scanDepth <num>' for controlling how many folders deep the installer should scan for games.
- New: Added Universal option to Project Generator for UNIVERSAL mods.
- New: Added -universal parameter to the Mod Packer for UNIVERSAL mods.
- New: The old Mod Installer/URI Handler has been replaced and improved by the UMF Mod Manager. (Linux & Mac coming later)
- New: Added file associations for .umfmod and .umflib to the UMF Mod Manager on Windows. (Linux & Mac coming later)
- New: Added support for Mod Packs/json batch commands to the new Mod Installer.
- New: Added preliminary support for Unity Engine 2019.
- Changed: Obsoleted and combined ModDependencyVersions into ModDependencies in the following format: ModName1:1.30,ModName2:0.75
- Changed: The installer's scan function is now around 35%-40% faster for Windows users.
- Changed: The installer will now drop down the game list after each scan to give the user visual notification.
- Changed: The installer window will show and play a sound when scanning takes more than a minute.
- Changed: Various minor improvements and tweaks to the Installer.
- Changed: Various minor improvements to the Backup system's file selection process.
- Changed: All UMF app now uses app.info to get game names.
- Changed: Anti-piracy systems have been improved.
- Removed: All automated handling of asset bundles has been removed due to bugs and will be added back at a later time.
- Bugfix: The installer would not find some games in some cases.
- Bugfix: The installer would not find multiple copies of the same game.
- Bugfix: The installer would install the wrong .NET version of UMF into some older games.
- Bugfix: Backups would traverse symlinks. (Thanks Zaffeine)
- Bugfix: The first shortcut would fail to be created if two shortcuts were created simulatenously.
- Bugfix: Backups will no longer backup Windows shortcuts.
- Bugfix: Fixed issue with reading packed mod locales and .umfpach files.
- Bugfix: Fixed missing unity log file for MacOS.
- API: Added bool UMFTool.ShortcutExists(string location, string linkName)
- API: Added void UMFSave.Save<T>(object saveObject, bool json = false, string file = null)

- API: Added `T UMFSave.Load<T>(bool json = false, string file = null)`
- API: Added `bool UMFSave.SaveExists(bool json = false, string file = null)`

#### Version 0.52.1 (2019-06-20)

- Changed: Some minor improvements to the Project Generator files.
- Changed: The Installer will clear the cache upon update and re-install when user chooses to not remove old install.
- Bugfix: Added missing user-agent to the downloader when requesting filename from the Content-Disposition header.
- Bugfix: Text display issue with mod updates showing as 0ms.
- Bugfix: Fixed custom keybinds causing crashes in some cases.
- Bugfix: Text display issue with mods reporting incorrect version after a mod update.
- Bugfix: Renaming assemblies through mod updates would cause a hang. (Thanks CabbageCrow)

#### Version 0.52 (2019-06-12)

- New: Brand new website with mod hosting and listing.
- New: Desktop Installer with drop-down list of games to install UMF to.
- New: UMF URI Handler: An automated one click mod downloader and installer.
- New: Uninstall.exe for easier/more obvious uninstalls.
- New: UMF now uses Harmony 2.0. (All mods that use Harmony needs to be recompiled.)
- New: Tools/UMF Mod Packer packs down compiled mod files into an encrypted re-distributable .umfmod package.
- New: Tools/UMF Project Generator creates ready to use Visual Studio project files for UMF mods.
- New: The UMF Menu now automatically scales down on resolutions with a height lower than 800 pixels. (Temporary solution)
- New: UMF Warnings will now detect and disable mods that are compiled for the wrong .NET Framework.
- New: The Setup can now generate Visual Studio project files with UMF code all ready to use.
- New: If a .umfmod is packed into a zip file the zip file will be automatically extracted into the Mods folder.
- New: Duplicate older versions of mods in the Mods folder are now automatically deleted by UMF.
- New: Added mod dependency settings 'ModDependencies' and 'ModDependencyVersions' to UMF Mod config settings. Use `UMFConfigStringArray` to set them.
- New: Direct support for games using .NET 4.7.
- Changed: UMF will now ask if you want to update when a new update is found.
- Changed: The Setup menu no longer requires pressing enter to confirm the choice.
- Changed: The `PauseGameOnGUIs` setting has been improved and enabled by default again as it should now work with most games.
- Changed: The 'UMF is loading' text has been replaced to stop people from waiting for a full day.

- Changed: Set the setting ShowTips to off by default. The current GUI is due for a major overhaul.
- Removed: Automatic rewriting of missing folder permissions have been removed from the Setup in an attempt to reduce false Antivirus detections.
- Bugfix: Fixed the UMF key bindings KeysMenu and KeysConsole not taking effect without a restart. (Thanks CabbageCrow)
- Bugfix: Fixed an issue with keyboard locale in some games.
- Bugfix: Fixed missing MinVersion and MaxVersion checks after the mod loader rewrite.
- Bugfix: Fixed FieldOfView setting not returning to default when being set to 0. (Thanks CabbageCrow)
- Bugfix: Fixed UMF hanging when loading a packed mod with an unknown password. (Thanks CabbageCrow)
- Bugfix: Fixed UMF hanging with no internet connection.
- Bugfix: Fixed an issue with the bindings cache by moving bindings to the new cache system. (Thanks Jon E Boyd)
- API: Added void UMFCConfig.DeleteConfig(bool backupOld = false)
- API: UMFCConfig.Read and Write now supports Section in key string. "SectionName/KeyName"
- API: Added void UMFGUI.RegisterPauseHandler(Action<bool> action)
- API: Added string[] UMFCache.ReadStartsWith(string keyStartsWith)
- API: Changed UMFDownload.DownloadFile to void DownloadFile(string url, string directory, string file = null, bool extract = false, Action<string, bool, string> action = null)
- API: Added int UMFMod.GetModHarmonyPatchCount(Assembly mod = null)
- API: Added int UMFMod.GetModHarmonyPatchCount(string modName)

#### Version 0.50.1 (2018-12-24)

- Bugfix: Fixed some issues with locale and mod localization that caused UMF to freeze in some cases.

#### Version 0.50 (2018-12-23)

- New: The UMF Setup now has a -packmod command line parameter to pack mods into .umfmod.
- New: UMF can now read mods directly from packed .umfmod files and zip files.
- New: .umfmod and .zip mods supports their own packed Assets/<mod name>/ folders.
- New: UMF can now load mods from .cs source files when mono is installed.
- New: Scripted .umfpatch system for overwriting/patching inline methods in all UnityEngine assemblies.
- New: The load order can now be sorted manually from the UMF Settings.
- New: Added console command hotloadmod "<path>" for loading mods that were not already loaded, such as new source mods.
- New: Enabling a mod that was disabled when starting the game will now attempt to immediately load that mod.
- New: If UMF encounters a critical error it will zip the log files and show the main UMF log.
- New: UMF now targets multiple .NET frameworks (Starting with .NET 3.5 and

.NET 4.6.2), and the old and new style Unity Engines.

- New: UMF now automatically loads all AssetBundles found in the Assets folders.
- New: UMF can now start up the real UPM side-by-side with UMF, if UMF's dummy PluginManager.Core.dll is overwritten by UPM's real one through manual install.
- New: Added more checks to UMF and the Setup to prevent user errors from not following the instructions.
- Changed: The UMF Mod Loader was rewritten to improve capabilities.
- Changed: Disabled mods are now stored in disabled.txt and the Enabled setting has been removed.
- Changed: Major internal changes all over to take advantage of the new UMF Mod Loader.
- Changed: The UMF Warning window has been greatly improved and will catch and show detailed warnings for each mod.
- Changed: Mod load order and priority is now sorted the following way: loadorder.txt > LoadPriority(High, AboveNormal, Normal, BelowNormal, Low)
- Changed: Improved the UMF DropDown box used in the UMF Menu.
- Changed: Improved the text field entry of numbers in the UMF Menu.
- Changed: The UMF Menu now includes disabled mods settings, so that disabled mods can be enabled again from the UMF Menu.
- Changed: The UMF Menu mod buttons are now colored green and red based on if they are enabled or not.
- Changed: If a mod has no settings that can be configured by the player it is now properly stated in the UMF Menu.
- Changed: The console now supports numpad enter to send console commands.
- Changed: The help console command now supports partial search.
- Bugfix: UMF Font sizes would reset to really small in Unity Engine 2018.x versions.
- Bugfix: Fixed the missing status text when enabling and disabling mods.
- Bugfix: Fixed an issue with encryption. All previous encryption strings are no longer valid.
- Bugfix: Fixed issues with empty and None key binds.
- Bugfix: Fixed an issue with automatic UMF updates.
- API: Added new UMFDropDown(Rect rect, GUIContent buttonContent, GUIContent[] listContent, GUIStyle listStyle = null)
- API: Added new UMFDropDown(Rect rect, GUIContent buttonContent, GUIContent[] listContent, string buttonStyle, string boxStyle, GUIStyle listStyle = null)
- API: Added string UMFDData.AssetsPath
- API: Added string UMFDData.AssetsSharedPath
- API: Added Texture2D UMFAsset.LoadTexture2D(string file, bool shared = false)
- API: Added Mesh UMFAsset.LoadMesh(string file, bool shared = false)
- API: Added AudioClip UMFAsset.LoadAudioClip(string file, bool shared = false)
- API: Added void UMFCache.Write(string key, string data)
- API: Added void UMFCache.Expire(string key)
- API: Added string UMFCache.Read(string key)
- API: Added bool UMFCache.IsOlderThan(string key, int seconds)
- API: Added bool UMFCache.Exists(string key)

- API: Added attribute [UMFUnload] used on a method, which is triggered before a mod is unloaded/disabled by the user.
- API: The old UMFConfig API has now been removed.
- API: Added bool UMFPatch.ApplyPatch(string patchName, string patch)
- API: Added List<string> UMFDData.ModNamesEnabled, UMFDData.ModNames now includes disabled mods as well.
- API: Added string UMFDData.TempPath
- API: Added string UMFDData.SourceModsPath
- API: Added string UMFDData.LuaModsPath (Lua mods are not yet implemented)
- API: Added string UMFDData.UMFPatchesPath
- API: Added string UMFDData.ResourcesPath
- API: Added string UMFDData.ManagedPath
- API: Added string UMFDData.LoadOrderFile
- API: Added string UMFDData.DisabledModsFile
- API: Added UMFConfigParser UMFConfigColorHexRGBA(Color defaultValues = default(Color), bool requiresRestart = false)
- API: Added List<string> UMFDData.ModNamesActive for loaded and active mods

#### Version 0.45.1 (2018-10-11)

- Bugfix: UPM mods caused game crashes when being loaded.
- API: UMFDData.ChangelogsPath was renamed to UMFDData.ModInfosPath

#### Version 0.45 (2018-10-09)

- New: Configurable fully automated game save backup system.
- New: Full localization support in the framework with an API for mods to provide localization.
- New: UMF Menu configs will now detect the key pressed instead of having to manually type it in by name.
- New: The UMF Menu settings now have sliders and dropdown boxes for settings that support it.
- New: The UMF Menu now has a Enable/Disable Mod button for mods.
- New: UMF controlled key binding system with API for mods to prevent binding conflicts.
- New: UMF Warning window that pops up to warn user of problems with mods they have installed.
- New: UMFHarmony mods that supply totalPatches now show up in the UMF Warning window when the totalPatches are not met.
- New: Mods that use encryption on UpdateURL now show up in the UMF Warning window when the decryption fails.
- New: All updates and downloads are now logged into a permanent log file that does not get reset.
- New: UMF now has 3 branches, stable, beta and internal debug. A setting was added for using the beta branch. Debug remains an internal developer branch.
- New: Added console command bind <key(+key(+key))> <console command> (<args>)
- New: Added console command unbind <key(+key(+key))/all/\*>
- New: Added console command savebinds "<cfg name>" (<append true/false>)
- New: Added console command listcfgs

- New: Added console command `printhelp`
- New: Added console command `fixedDeltaTime (<num>)`
- New: Added console command `res (<width> <height> <fullScreen[true/false]> <refreshRate>)`

This sets the resolution if the paramters are used. Otherwise it retrieves it and all resolutions supported by the monitor.

- New: Settings marked with (\*) requires a game restart. A note explaining so was added to the top of each mod config, along with an API for the config parsers.
- New: The setup will now check folder permissions and attempt to rewrite them if they are bad on Windows installations.
- New: Added console command `backup "<name>"`
- New: Added console command `restore "<name>"`
- Changed: Improved the UMF auto update system linked to the change in assembly loading.
- Changed: The default UMF Console key binding is now supported by most keyboard layouts.
- Changed: Console command `help` now takes an optional paramter for help for a specific command.
- Changed: Made the setup refuse to start if it isn't inside the `uModFramework` folder.

This is due to people selectively extracting files they want and not following install instructions.

- Changed: Improved the internal assembly resolver to handle harmony reload events and reflection resolve events.
- Changed: The setup will now give an administrator warning if the Scan option does not find any games.
- Changed: UMF Menu config text fields are now twice as wide.
- Changed: The UMF Menu settings header now contains the Product Name of the mod instead of the ini section.
- Changed: A mod's description attribute is now displayed below the settings header of the UMF Menu if it contains a description.
- Changed: UMF now uses the `DotNetZip` library to handle all zip operations.
- Changed: UMF will now load the UMF GUI and register default console commands before mods are loaded.
- Changed: UMF now loads assemblies into memory instead of from disk to make it easier to self update through file replacement.
- Changed: `changelogs.txt` and UMF Changelogs renamed to `modinfo.txt` and UMF Mod Info to let mods supply the info they want to to show the user on install/update.
- Changed: Moved all downloads and the `UMFDownloader` API into an external .NET 4.5 downloader for TLS 1.2 support. (Includes GitHub downloads.)
- Changed: Renamed the `UseUACForUpdater` setting to `UseUAC` and changed the description for it.
- Changed: Made the UMF Loader slightly more stable with internal improvements.
- Bugfix: The new v0.40 setup was not working correctly with mono for Linux and Mac.
- Bugfix: Some of the `UMFConsole` API was broken due to an inverted bool.
- Bugfix: `UpdateURL` responses were not being trimmed for empty spaces and empty lines. (Thanks CabbageCrow)

- Bugfix: Invalid UpdateURL's were not being caught. (Thanks CabbageCrow)
- Bugfix: Some words in-game Changelog text would not be put on new lines and go under the scrollbar. (Thanks CabbageCrow)
- Bugfix: If the UMF specific config options were missing in a mod with configs, UMF would hang. (Thanks CabbageCrow)
- Bugfix: The news box was showing text outside the box when the news text was too long instead of the overflow being cut off.
- Bugfix: The setup will now function without an internet connection.
- Bugfix: Unzipping/extracting files on newer Unity 2018 versions with .NET 4.x would not work if the files already existed.
- Bugfix: PauseGameOnGUIs causes problems in the game Graveyard Keeper and UMF now automatically disables this setting in that game.
- API: Renamed UMFConsole to UMFGUI.
- API: Added bool UMFGUI.DefaultCommandsRegistered
- API: Added int UMFData.LoaderUnixTimeDone
- API: Added void UMFTool.CreateDesktopShortcut(string linkName, string targetPath, string workingDir = null, string arguments = null, string description = null)
- API: Added void UMFTool.DeleteDesktopShortcut(string linkName)
- API: Added void UMFTool.CreateShortcut(string location, string linkName, string targetPath, string workingDir = null, string arguments = null, string description = null)
- API: Added void UMFTool.DeleteShortcut(string location, string linkName)
- API: Added Assembly UMFMod.GetMod(string modName, bool caseInsensitive = false)
- API: Added string UMFMod.GetModProductName(string modName, bool caseInsensitive = false)
- API: Added string UMFMod.GetModDescription(string modName, bool caseInsensitive = false)
- API: Added string UMFData.LocalePath
- API: Added string UMFData.LocaleModsPath
- API: Added string UMFLocale.Get(string key, params object[] formatArgs)
- API: Added string UMFLocale.Get(string modName, string key, params object[] formatArgs)
- API: Added string UMFLocale.Add(string locale, string key, string text)
- API: Added string UMFLocale.Add(string modName, string locale, string key, string text)
- API: Added string UMFLocale.Locale
- API: Added bool UMFGUI.RegisterBind(string bindName, string keys, Action action)
- API: Added bool UMFGUI.UnregisterBind(string bindName)
- API: Added bool UMFGUI.ModifyBind(string bindName, string newKeys, Action newAction = null)
- API: Added bool UMFGUI.BindExistsByKeys(string keys, bool allBinds = false)
- API: Added bool UMFGUI.BindExistsByName(string bindName, bool allBinds = false)
- API: Changed UMFGUI.RegisterCommand to return a bool and log errors if command exists.
- API: Changed UMFGUI.RegisterCommand now has a optional paramter of sendCommand which can send a full console command after registration.

- API: Moved `UMFData.IsMenuOpen` to `UMFGUI.IsMenuOpen`
- API: Added `Texture2D UMFUnity.ColorToTexture2D(int width, int height, Color color)`
- API: `UMFHarmony` attribute has a new parameter `totalPatches`.  
[`UMFHarmony(int totalPatches = 0, bool debug = false)`]
- API: Added `T UMFConfig.Read<T>(string key, UMFConfigParser<T> parser, params string[] comments)`
- API: Added `void UMFConfig.Write<T>(string key, UMFConfigParser<T> parser, params string[] comments)`
- API: Added abstract `UMFConfigParser<T>` Use this as a child class to create new custom config parsers.
- API: Added `UMFConfigParser UMFConfigInt(int defaultValue = default(int), int minValue = default(int), int maxValue = default(int), int vanillaValue = default(int), bool requiresRestart = false, params int[] allowedValues)`
- API: Added `UMFConfigParser UMFConfigFloat(float defaultValue = default(float), float minValue = default(float), float maxValue = default(float), int decimals = 1, float vanillaValue = default(float), bool requiresRestart = false, params float[] allowedValues)`
- API: Added `UMFConfigParser UMFConfigDouble(double defaultValue = default(double), double minValue = default(double), double maxValue = default(double), int decimals = 2, double vanillaValue = default(double), bool requiresRestart = false, params double[] allowedValues)`
- API: Added `UMFConfigParser UMFConfigBool(bool? defaultValue = null, bool? vanillaValue = null, bool requiresRestart = false)`
- API: Added `UMFConfigParser UMFConfigString(string defaultValue = "", string vanillaValue = "", bool requiresRestart = false, params string[] allowedValues)`
- API: Added `UMFConfigParser UMFConfigStringArray(string[] defaultValues = default(string[]), bool requiresRestart = false, params string[] allowedValues)`
- API: Added `UMFConfigParser UMFConfigKeyCode(KeyCode defaultValue = KeyCode.None, bool requiresRestart = false, params KeyCode[] allowedValues)`
- API: Added `UMFConfigParser UMFConfigKeyCodeArray(KeyCode[] defaultValues = default(KeyCode[]), bool requiresRestart = false, params KeyCode[] allowedValues)`
- API: Added `UMFConfigParser UMFConfigDirectory(string defaultValue = "", bool requiresRestart = false, params string[] allowedValues)`
- API: Added `UMFConfigParser UMFConfigVersion(Version defaultValue = default(Version), bool requiresRestart = false)`
- API: The old `UMFConfig.Read/Write/UMF` have been obsoleted and will be removed in v0.50.
- API: Added `List<UMFBind> UMFGUI.GetBinds(string searchPattern = null)`
- API: Added `List<UMFConsoleCommand> UMFGUI.GetCommands(string searchPattern = null)`
- API: Removed `UMFDownload.QueueFile` and `QueueString` and `IsDownloadingString` in favor of new TLS 1.2 capable download system.
- API: Added `UMFDownload.DownloadFile(string url, string path, bool extract = false, Action<string, bool, string> action = null)`
- API: Changed `UMFDownload.IsDownloading` now checks if anything is downloading from the `DownloadFile` list instead.
- API: Added `int UMFData.ModsUpdated`



- API: Added long UMFDData.ModsUpdateTime
- API: Added bool UMFTool.Unzip(string pathFrom, string pathTo, bool delete = false)
- API: Added bool UMFTool.Unzip(string path, bool delete = false)
- API: Added bool UMFTool.Zip(string fileName, string rootDir, List<string> files)
- API: Added string UMFDData.BackupsPath
- API: Added string UMFDData.GameSavePath
- API: Added void UMFTool.Backup(string name) <- This creates a game save backup.
- API: Added void UMFTool.Restore(string name)
- API: Added void UMFGUI.ToggleConsole()

Version 0.40 (2018-08-21)

The #user-friendly Update

- New: Mods that support it can now automatically update them selves. #user-friendly
- New: UMF will now download, extract and install UMF updates automatically on game start. #user-friendly
- New: Thesetup now creates a shortcut on the users desktop to the setup and mods folder. #user-friendly
- New: The setup will open the Mods folder after installing. #user-friendly
- New: The setup now has an option to scan for all Unity Engine games.
- New: Command line arguments for the setup to do silent installs.
- New: A tip showing how to open the UMF Menu is now displayed in the top-right corner at game start. #user-friendly
- New: Added a Reset button to the UMF Menu. #user-friendly
- New: Added CPU, GPU and Memory to the log file.
- New: Added automatic execution of all console commands found in \Mods\Configs\AutoExec.cfg at game start.
- New: Added console command exec "<cfg name>" which executes all console commands in <cfg name>.cfg found in the Configs folder.
- New: Added console command cfg <modname> <key> (<value>) which retrieves or sets the config option for the specified mod or UMF.
- New: Added console command cfgSave <modname> which saves the settings that have been made by cfg to the config file.
- New: Added console command cfgReload <modname> which reloads the settings from the config file.
- New: Added console command timescale (<num>) which gets or sets the current timescale of the game.
- New: If a mod update zip contains "changelog.txt" the changelog will be showed in a window at game start.

All changelogs will be automatically renamed and moved to Mods\Changelogs\<modName>\_v<version>\_changelog.txt where the user can review them again later.

- New: Added Mod specific UMF config option ConfigVersion used for cleaning outdated config files.
- Changed: The start up info text now have transparent boxes under them to make them easier to read. #user-friendly
- Changed: Renamed console command resetconfig to cfgReset, but still

retains resetconfig as an alias.

- Changed: Made the UMF Menu more compact and slightly better looking.

#user-friendly

- Changed: The Setup will now open the web browser to the Troubleshooting Guide on the Support Forum if an error happens. #user-friendly

- Changed: UMF will now wait until OnGUI can be triggered before loading mods in order to show progress for slow/long downloads. #user-friendly

- Changed: The mod specific UMF configs is no longer exposed in the in-game settings menu. #user-friendly

- Changed: The setup will now clean up UPM installs into the UnityEngine.dll/UnityEngine.CoreModule.dll to prevent problems. #user-friendly

- Changed: Dll files moved to the Lib folder to keep the main uModFramework folder clean for executables and text files.

- Changed: The setup will now install/uninstall UMF into all Data folders (ex. 32bit and 64bit) if more than one exists.

- Changed: Improved output information when installing and uninstalling UMF with the setup.

- Changed: The config values will now be trimmed for leading and trailing spaces to prevent user errors. #user-friendly

- Bugfix: Unable to input text in the Settings GUI/UMF Menu after deleting the values entirely.

- Bugfix: Mouse cursor would not show after clicking while on the UMF Menu in Slime Rancher.

- Bugfix: UMF was not working correctly without an internet connection. (Thanks CabbageCrow)

- API: New mod specific UMF config: UpdateURL. Supports a optional UMF Encrypted string as well.

The response should be: version|url (Example:

1.0|https://somewebsite.com/MyMod\_v1.0.zip)

- API: Added UMFDownload.DownloadString(string url)

- API: Added UMFDownload.QueueString(string url, DownloadStringCompletedEventHandler callbackComplete, DownloadProgressChangedEventHandler callbackProgress)

- API: Added UMFDownload.IsDownloadingString

- API: Added UMFDownload.QueueFile(string url, string path, bool extract = false, AsyncCompletedEventHandler callbackComplete = null, DownloadProgressChangedEventHandler callbackProgress = null)

- API: Added UMFDownload.IsDownloading

- API: Added UMFDData.LoaderIsDone

- API: Added UMFDData.UnixTime

- API: Added UMFEncryption.Encrypt(string message, bool output = false)

Output will output the string in ModName.txt in the umf folder. Store the encrypted string in your code.

- API: Added UMFEncryption.Decrypt(string encryptedMessage) Only the mod that encrypted the string can decrypt it.

- API: Added UMFEncryption.Encrypt(string message, string password, bool output = false) Encryption with a password you supply.

- API: Added UMFEncryption.Decrypt(string encryptedMessage, string password) Only the password used to encrypt it can decrypt it.

- API: Added UMFDData.AssembliesPath (Points to the folder that contains the

internal libraries.)

- API: Added UMFDData.GamePath
- API: Added UMFDData.ModsPath
- API: Added UMFDData.ConfigsPath
- API: Added UMFDData.LibrariesPath
- API: Added UMFDData.LogsPath
- API: Added UMFDData.CachePath
- API: Added UMFDData.ChangelogsPath
- API: The [UMFHarmony] attribute now supports a bool to enable the harmony debug log harmony.log at desktop. [UMFHarmony(true)] to enable debug log.
- API: Added UMFDData.IsMenuOpen This can be used in OnGUI to show more GUI elements while the UMF Menu is open.
- API: Added UMFConfig.DeleteConfig()

Version 0.35 (2018-07-28)

- New: Full Linux and Mac compatability. (Thanks to Billanater1 for Mac testing.)
- New: In-game Settings GUI.
- New: 14 new settings for UMF. (HotKeys, feature disabling, frame rate, FOV, and more)
- New: In-game full feature console. (With 11 console commands included.)
- New: In-game News straight from the website. (Can be disabled.)
- New: In-game Tips. (Can be disabled.)
- Changed: Mods folder is now inside the uModFramework folder instead to gather all files in one folder. (Less confusion)
- Changed: The version checker can now be disabled in settings.
- Changed: Added a lot more logging to help with debugging peoples log files.
- Changed: Improved performance through more code cleaning and improving.
- Changed: Version checker now only checks once an hour and will retrieve the version from cache.
- API: UMFConfig and UMFLogger are now IDisposable. Use them in a using() clause instead now.
- API: UMFConsole.SendCommand(string command, bool openConsole = false)
- API: UMFConsole.RegisterCommand(string name, string command, string[] aliases, int arguments, string description, Action action)
- API: UMFConsole.AddConsoleText(string text, bool openConsole = false)
- API: UMFConsole.Args (Get to process arguments for your commands)
- API: UMFConsole.IsConsoleOpen
- API: UMFDData.TimeToStart changed to UMFDData.TimeToLoad
- API: UMFDData.UMFPath returns the full path to the uModFramework folder.
- API: UMFDData.AddTip(string tip) Adds tips to the UMF tips.
- API: UMFDData.ModNamesLower returns the loaded mods in lower case for easier processing.
- API: UMFMod.GetModVersion now also supports both an Assembly and a string modName to get another mod's version.

Version 0.30 (2018-07-20)

- New: Support for running <a

[href="https://github.com/UnityPluginManager/PluginManager">UnityPluginManager](https://github.com/UnityPluginManager/PluginManager) plugins straight from the Mods folder, no install of UPM needed.

- New: Added version checking to the framework, displayed in the info text.
- New: Added automatic zip archive extraction. You can now drop zipped mods directly into the Mods folder.

- Changed: Made the info text that shows for 30 seconds on game start fancier.

- Changed: Improved logging a bit.

- Changed: Greatly improved mod loading, internal threading and thread cleaning.

- Changed: Cleaned up the code a lot with various minor performance improvements.

- Bugfix: Fixes for attribute started mods.

- API: Renamed [UModScript] attribute to [UMFScript] - also it actually works now.

Can be used on as many public classes as you want. (With MonoBehaviour child class.)

- API: Added [UMFStart] attribute, used on a method to start a mod.

This obsoletes the UMFMod class. Can be used only once per mod.

- API: Added [UMFConfig] attribute, used on a method to load the mods config option on demand.

The [UMFHarmony] attribute will call this method before patching.

Future use includes reloading and changing configs from in game.

- API: Added [UMFHarmony] attribute, works on both class and method.

Calls the method with the [UMFConfig] attribute if it exists, then runs all harmony patches the mod has.

When used on a method it also calls the method.

This is to simplify mod creation (reduce code/easier). Can be used only once per mod.

- API: The UMFMod class with Start method is now considered legacy and obsolete and will be removed in a future release.

- API: Changed the Log api and added several overloads for it.

The call is now Log(string text, bool clean = false, string file = null)

- API: Added UMFMod.GetModVersion() which returns the Version info of the mod that calls it.

Handy for for self logging purposes, intended for the initial logging call.

Log("My Mod Name v" + UMFMod.GetModVersion().ToString(), true)

- API: Added summary comments for all API methods.

Version 0.25 (2018-06-29)

- Initial Public Release

From:

<https://umodframework.com/wiki/> - **UMF Wiki**

Permanent link:

<https://umodframework.com/wiki/changelog>

Last update: **2019/12/26 16:21**

