Chapter 1



Unity 5.0.0f4 Download Assistant | Unity 5.0.0f4 Download Assistant |
| :--- |
| This assistant will guide you through downloading and |
| installing Unity. |
| Please make sure you are connected to internet before |
| continuing the installation process, as selected components |
| for Unity needs to be downloaded. |
| Click Next to continue. |




| Asset Store |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| uage: English * Create Account Log in |  |  |  |  |  |  |  |  |  | Log in |
| Search Asset Store <br> $60+$ Painterly Terrain Textures <br> Textures \& Materials/Ground Whimsy Lab <br> $\star \star \star \star \star$ ( $\downarrow$ 56) <br> $\$ 5 \quad \$ 2.50$ <br> Create gorgeous terrains! Whimsy Lab proudly brings you this masterfully hand-painted collection of over 60 perfectly-seamless terrain textures, ideal for bringing your games beautiful and rich terrain environments: <br> - Over 60 stunning terrain textures/splat maps <br> - Rich terrain soils and earth in various hues <br> - Forest floor terrains with leaves, twigs and roots <br> - Clover and grass terrains <br> - Wildflowers, jasmine and forget-me-nots <br> - Beautifully painted terrain cliff faces <br> - Stones and terrain mosses <br> More than sixty hand-painted seamless terrain textures! <br> Home <br> 3D Models <br> Animation <br> Applications <br> Audio <br> - Complete Projects <br> - Editor Extensions <br> - Particle Systems <br> - Scripting <br> - Services <br> - Shaders <br> - Textures \& Materials <br> Unity Essentials <br> Most Popular <br> Alloy Physical Shad... <br> Shaders <br> RUST LTD. <br>  <br> $\$ 125$ <br> Playmaker <br> White Oak Package <br> Editor Extensions/Visua... <br> 3D Models/Vegetation/... Hutong Games LLC SpeedTree* <br> $\star \star \star \star \star$ ( $\mathbf{~} \boldsymbol{*} 1849$ ) $\star \star \star \star \star$ (土14) <br> $\$ 95$ $\$ 39$ <br> Tyra 3D Models/Characters <br> $\$ 2.50 \$ 5$ <br> Top Paid Will B $\star \star \star \star \star(\perp$ ) $\$ 20$ |  |  |  |  |  |  |  |  |  |  |
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## UFPS: Ultimate FPS

Complete Projects/Templ...
VisionPunk
$\star \star \star \star \star$ ( $\boldsymbol{\star}$ 1224)
$\$ 95$

Prototype
Editor Extensions/Modeli.
ProCore
$\star \star \star \star \star$ ( $~$ 1560)
Free

## Chapter 2













## Chapter 3


























| Prototype | - $\times$ |
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| do $\Delta$ |  |
| Shape |  |
| Vertex Colors |  |
| Flip Normal |  |
| Set Detail | - |
| Set Mover | - |
| Set Collider | - |
| Set Trigger | - |

## Chapter 4


















$\nabla \sqrt{V}$ Terrain
$\square$



## Chapter 5




File Edit Assets GameObject Component UFPS Tools Window Help


File Edit Assets GameObject Component UFPS Tools Window Help





## Importing package

Shooter AI－The AI solution for ANY combat situation

$\nabla$ Shooter AI
F= Add-ons MEW
Q SAI-UFPS Converter,unitypackage
- Animations
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电 humanoid_idle.fbx
NEW
里 humanoid_runForward_faceForward.fbx NEW
里 humanoid_runForward_turnMedium.fbx
里 humanoid_runForward_turnWide.fbx NEW
里 humanoid_turnOnSpot.fbx NEW
果 humanoid_walkForward_faceForward.fbx NEw
里 humanoid_walkForward_turnMedium.fbx MEW
里 humanoid_walkForward_turnShort.fbx NEW
果 humanoid_walkForward_turnWide.fbx ${ }^{\text {NEW }}$
里 humanoid_weapon_lower.fbx NEW
㡽 humanoid_weapon_raise.fbx
里 humanoid_weapon_shoot.fbx NEW
F F Materials NEW
Qbody.mat NEW
Qeyes.mat NEW
O face.mat
$\nabla$ RagdollBack NEW
F Animations NEW
囲 Vincent@stand_up_from_back_3.fbx NEW
\# Vincent@standing_up_from_belly_2.fbx $\mathbb{N E W}$
च $=$ Zombie
크․ Materials
NEW
NEW
O No Name.mat
NEW
- zombie_diff.mat
MEW
zombie_diff.png NEW
康 zombie_attack.FBX NEW
电 zombie_idle.FBX NEW
囲 zombie_walk.FBX NEW
$\nabla$ AstarPathfindingProject NEW
(\#) changelog.cs NEW
$\nabla$ Fore Cor
$\nabla \mathrm{F}$ AI
@A AIPath,cs NEW
@ NavmeshController.cs NEW
[i\# Seeker.cs
[\# astarclasses.cs NEW
(\#) AstarData.cs NEW
(1. Astar-Math.cs
(\#) AstarPath.cs NEW
(¿) GraphUpdateScene.cs NEW
@if GraphUpdateShape.cs MEW
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NEW
Cil AnimationLink.cs [ind
C\# AstarDebugger.cs NEW
© Astar:EnumFlagAttr.cs
Ci\# BinaryHeap.cs NEW
(\#) GraphEditorBase.cs
(\#) GraphModifier.cs NEW
Int3.cs
NEW
All None

U Unity (64bit) - Chapter 5_2_IntegratingAl.unity - FPS Game - Chapter 5-PC, Mac \& Linux Standalone* <DX9> $\quad \times$

File Edit Assets GameObject Component UFPS Tools Window Help



File Edit Assets GameObject Component UFPS Tools Window Help

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Unity (64bit) - Chapter 4_BuildingAtmosphere.unity - FPS Game - Chapter 5 - PC, Mac \& Linux Standalone <DX9> $\quad$ - $\quad$ File Edit Assets GameObject Component UFPS Tools Window Help


Unity (64bit) - Chapter 4_BuildingAtmosphere.unity - FPS Game - Chapter 5 - PC, Mac \& Linux Standalone* <DX9>


Q Unity (64bit) - Chapter 4_BuildingAtmosphere.unity - FPS Game - Chapter 5-PC, Mac \& Linux Standalone* <DX9> $\quad \times$ File Edit Assets GameObject Component UFPS Tools Window Help


Unity (64bit) - Chapter 4_BuildingAtmosphere.unity - FPS Game - Chapter 5 - PC, Mac \& Linux Standalone ${ }^{*}$ <DX9>


File Edit Assets GameObject Component UFPS Tools Window Help


- Unity (64bit) - Chapter 5_3_SpawnOnTrigger.unity - FPS Game - Chapter $5-$ PC, Mac \& Linux Standalone* <DX9> $\quad \times \quad-\quad$ File Edit Assets GameObject Component UFPS Tools Window Help






## Importing package

## PatroIDetectAttackSearchExamples

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FActions
(G) AIRandomWander.cs Mाख

ㄱBehaviorTrees
PatrolDetectSearch.asset एँख
vel Materials
Blue.mat
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Brown.mat
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ve Textures
Blue.png NEW
Ffemax
v Materials
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BACKPACK1_TXTR.mat
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BACKPACK2NORMAL.PSD NEW
OMAX.mat
MEW

- MAX.PSD

MEW
MAXNORMAL.PSD NIW
[i\# MAX.FBX
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Box.prefab
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ve Editor
AetherUnity.dII सा:
LegionRestModel.dll WEW
RAINEditor.dII NEW
$\square$ RAINUpdater.dII NEW
v ScriptTemplates
: ActionTemplate_BOO.boo [ NEW
(F) ActionTemplate_CS.cs

Js ActionTemplate_JS.js
NEW

RAIN.dII
New
$\nabla$
RAINMetaform.dII
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## Importing package

RAIN_U5_2.1.11.0

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| $\checkmark$ | Vfonts | (1\%W |
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| $\checkmark$ | A) BankGothicMedium.ttf | W[W] |
| $\checkmark$ | A Play-Regular.ttf | HEW |
| $\checkmark$ | LegionRestModel.dll | WEW |
| $\checkmark$ | RAINEditor.dll | WEW |
| $\checkmark$ | 7 RAINMetaformEditor.dll | HEW |
| $\checkmark$ | RAINUpdater.dII | HEW |
| $\square$ | v ${ }^{\text {S }}$ ScriptTemplates | MEW |
| $\square$ | : ActionTemplate_BOO.boo | WEW |
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| $\square$ | Js ActionTemplate_JS.js | HEW |
| $\square$ | BehaviorTreeTemplate.xml | HEW |
| , | D DecisionTemplate_BOO.boo | HEW |
| $\square$ | (G) DecisionTemplate_CS.cs | MTW |
| $\square$ | Js DecisionTemplate_JS.js | WTW |
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| $\checkmark$ | S) AspectSphereShader.shader | WEW |
| $\checkmark$ | S NavMeshColliderShader.shader | กอ\% |
| $\checkmark$ | S NavMeshContourShader.shader | HEW |
| $\checkmark$ | S VisualSensorLineShader.shader | HEW |
| $\checkmark$ | S VisualSensorRingShader.shader | HEW |
| $\checkmark$ | S) WaypointShader.shader | WEW |
| $\checkmark$ | RAIN EULA.pdf | HEW |
| $\checkmark$ | RAIN.dII | HEW |
| $\checkmark$ | RAINMetaform.dll | Wew |
| $\checkmark$ | [1.) ReleaseNotes.txt | Wew |










| Behavior Editor | $0 \times$ |  |  |
| :---: | :---: | :---: | :---: |
| 5 animate |  |  |  |
| - Con Can See |  |  |  |
| -(E) expression |  |  |  |
| PAR Attack | Behavior Tree | Current Al (MAX) | $\dagger$ |
| -E®N Not Near | Node Type: | Constraint |  |
| Par parallel | Name: | Death |  |
| -(1) move | Repeat: | Never | $\dagger$ |
| $\square 9$ animate | Debug Break: | $\square$ |  |
| Een Near | Constraint: | $e$ currenthealth |  |
| PAR parallel |  |  |  |
| -\% move | Constraint |  | $?$ |
| $\square$ animate | Process child nodes as long as the constraint condition is true. |  |  |
| CEN constraint |  |  |  |
| - A action |  |  |  |
| Par sequencer |  |  |  |
| -5Ea sequencer |  |  |  |
| -WAY waypointpath |  |  |  |
| $\square \pm$ move |  |  |  |
| $\square 9$ animate |  |  |  |
| CEN Death |  |  |  |
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## Chapter 6




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Unity (64bit) - Chapter 5_5_ HealthPacksPickups.unity - FPS Game - Chapter 6 - PC, Mac \& Linux Standalone* <DX9> ■ $\quad$ - $\quad$ File Edit Assets GameObject Component UFPS Tools Window Help


## File Edit Assets GameObject Component UFPS Tools Window Help









\& Unity (64bit) - Chapter 6_3_ElevatorStart.unity - FPS Game - Chapter 6-PC, Mac \& Linux Standalone* <DX9> $\quad$ - $\quad$ -

Q Unity (64bit) - Chapter 6_3_ElevatorStart.unity - FPS Game - Chapter 6-PC, Mac \& Linux Standalone ${ }^{*}$ < DX9> $\quad$ - $\quad$ -

File Edit Assets GameObject Component UFPS Tools Window Help





## Chapter 7

|  |
| :---: |
| ProBuilderUpgradeKit |
| $\rightarrow \mathrm{C} \quad \square$ www.protoo |
| \#\# Apps Bookmarks $\square$ Personal $\square$ Professional $\square$ Tools a Amazon Cloud Player 》 Other bookmarks |
| Looking for the full ProBuilder Documentation? Go here: www.procore3d.com/docs/probuilder |

## ProBuilder Upgrade Kit

UpgradeKit is a tool that prepares your ProBuilder objects for upgrading to a new version of ProBuilder. This is necessary because ProBuilder requires your 3d models to have certain components in order to work, and the process of importing new versions of UnityPackage files will break those script references. This tool searches your project for ProBuilder components, copies their data to a new component, then re-builds the ProBuilder components.

Download the Upgrade Kit here: ProBuilder Upgrade Kit

## Upgrading Overview

- Import ProBuilderUpgradeKit.unitypackage to your project.


Prepare Scene


File Edit Assets GameObject Component UFPS Tools Window Help


| Asset Store |
| :--- | :--- |
| PrOB Lilder 2 |

Unity (64bit) - Chapter3_6_ColoringYourWorld.unity - FPS Game - Chapter 7 - PC, Mac \& Linux Standalone <DX9>
Unity (64bit) - Chapter3_6_Coloring
File Edit Assets GameObject Component UFPS Tools Window Help


F. Barrel
2- Chapter 4_BuildingAtmospher
E. Chapter 5_3_ SpawnOnTrigger


2F Close Quarters Assault Rifle
P- MyGame
7. MyGame
5. Prefabs

Thenes
Escripts.
Prefabs
ProBuilderUpgradekit
C-ProCore
C. Shooter AI

F Standard Assets
Terrain Assets
CuFPS
Feapons


ProBuilder
$\theta$
Unity (64bit) - Chapter 6_3_BuildingAnElevator.unity - FPS Game - Chapter 7 - PC, Mac \& Linux Standalone <DX9>
Component UFPS Tools Window Help






| Material Editor |  |  |
| :---: | :---: | :---: |
| Quick Material |  |  |
| ONone (Material) ○ |  | None (Texture) |
| Apply (Ctrl+Shift+Click) |  |  |
| Match Selection |  |  |
| Material Palette |  |  |
| Alt + 1 | D Default_Prototy | pe |
| Alt + 2 | ONone (Material) | - |
| Alt + 3 | ONone (Material) | - |
| Alt + 4 | - None (Material) | ) |
| Alt + 5 | ONone (Material) | - |
| Alt +6 | ONone (Material) | $\square \bigcirc$ |
| Alt + 7 | ONone (Material) | - |
| Alt +8 | - None (Material) | $\square \bigcirc$ |
| Alt +9 | - None (Material) | - |
| Alt +0 | - None (Material) | - |
|  | Add |  |









## UV Editor





UV Editor
$\times$





File Edit Assets GameObject Component UFPS Tools Window Help


## Chapter 8

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Unity (64bit) - Untitled - FPS Game - Chapter 8 - PC, Mac \& Linux Standalone* <DX9>
File Edit Assets GameObject Component UFPS Tools Window Help



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Unity (64bit) - Untitled - FPS Game - Chapter 8 - PC, Mac \& Linux Standalone* <DX9>
(1) - $\quad \times$

File Edit Assets GameObject Component UFPS Tools Window Help


## Awesome FPS Game


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Unity (64bit) - Chapter 8_MainMenu.unity - FPS Game - Chapter 8 - PC, Mac \& Linux Standalone* <DX9>
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File Edit Assets GameObject Component UFPS Tools Window Help


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Unity (64bit) - Chapter 8_MainMenu.unity - FPS Game - Chapter 8 - PC, Mac \& Linux Standalone* <DX9>
File Edit Assets GameObject Component UFPS Tools Window Help





## Scenes In Build

[ UFPS/Base/Content/Levels/DemoScene3/UFPS_DemoScene3.unity
[ UFPS/Base/Content/Levels/DemoScene1/UFPS_DemoScene1.unity
[ UFPS/Base/Content/Levels/DemoScene2/UFPS_DemoScene2.unity

- UFPS/Base/Content/Levels/CleanScene/UFPS_CleanScene.unity
$\square$ UFPS/Base/Content/Levels/SkyCity/UFPS_SkyCity.unity
[ UFPS/Multiplayer/Content/Levels/Examples/UFPSMP_GameModes.unity
[ UFPS/Multiplayer/Content/Levels/HelipadEscape/UFPSMP_HelipadEscape.unity
[ UFPS/Multiplayer/Content/Levels/Examples/UFPSMP_SimpleChat.unity

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Add Current
```


## Platform

Web Player

PC, Mac \& Linux Standalonefs
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iOS

Android

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BlackBerry
iㅐ Windows Store
Windows Phone 8
B, BlackBerry
    Windows Store
    Windows Phone 8
```

PC, Mac \& Linux Standalone

Target Platform
Architecture
Development Build
Autoconnect Profiler
Script Debugging

| Windows | $\ddagger$ |
| :--- | :--- |
| 886 |  |


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Unity (64bit) - Chapter 7_MeshingYourLevels.unity - FPS Game - Chapter 8 - PC, Mac \& Linux Standalone* <DX9>
File Edit Assets GameObject Component UFPS Tools Window Help

$\Delta$ Warning (4Mace (vp_FPWeaponMeleeAttack)) WeaponShooter for this melee weapon has no 'ProjectilePrefab' (it won't be able to do damage).

File Edit Assets GameObject Component UFPS Tools Window Help



Unity (64bit) - Chapter 7_MeshingYourLevels.unity - FPS Game - Chapter 8 - PC, Mac \& Linux Standalone* <DX9>


## Chapter 9




Awesome FPS Game



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jrsoftware.org /I jordan russell's software

- Home

Products

- Inno Setup
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- Contribute
- Documentation
- FAQ
- Knowdedae Base
- Third-Party Files
- Translations
- Links
- Toolbar2000
- Toolbar97
- StripReloc
- More...

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## Inno Setup

Inno Setup is a free installer for Windows programs. First introduced in 1997, Inno Setup today rivals and even surpasses many commercial installers in feature set and stability.

- Features

Learn more about what Inno Setup can do.

- Download Inno Setup

Get the latest version of Inno Setup here.

- Mailing List

Be notified by e-mail whenever major new versions are released.

- Frequently Asked Questions

Get answers to common questions and problems.

- Third-Party Files

Here you can find various useful tools for Inno Setup (for example, GUI script editors) and translations of the Setup text in many languages.

- Donate

Support the Inno Setup project.


Setup Wizard


Don't forget to check out the Inno Setup newsgroups, the primary source for Inno Setup support (web-based interface available). Additionally, a large number of questions and answers can be found on Stack Overflow.




| Source |  |  |
| :---: | :---: | :---: |
| Source file or folder: |  |  |
| hn\Documents\FPS Game - Chapter 9\Export\FPSGame_Data\|* |  |  |
| $\checkmark$ Recurse subfolders | $\checkmark$ Include empty subfolders |  |
| Destination <br> Destination base folder: |  |  |
|  |  |  |
| Application directory |  | $\checkmark$ |
| Destination subfolder: |  |  |
| FPSGame_Data\| |  |  |
| bold = required | OK | Cancel |

## Application Icons

Please specify which icons should be created for your application.


Application Start Menu folder name:
FPS Game
$\checkmark$ Allow user to change the Start Menu folder name
$\checkmark$ Allow user to disable Start Menu folder creationCreate an Internet shortcut in the Start Menu folder
$\checkmark$ Create an Uninstall icon in the Start Menu follder
Other main executable icons:
$\checkmark$ Allow user to create a desktop icon
$\checkmark$ Allow user to create a Quick Launch icon

[Tasks]
Name: "desktopicon"; Description: "\{cm:CreateDesktopIcon\}"; GroupDescription: "\{cm:AdditionalIcc
Name: "quicklaunchicon"; Description: "\{cm:CreateQuickLaunchIcon\}"; GroupDescription: "\{cm:Addit

Compressing: C:\Users\John\Documents\FPS Game - Chapter 9\Export\FPSGame_Data\Monoletc|mono\2.0\settings.map
Compressing: C: \Users \John \Documents |FPS Game - Chapter 9|Export|FPSGame_Data Monoletc/mono 2.0 .0 web.config
Compressing: C:\Users\John\Documents\FPS Game - Chapter 9\Export\FPSGame_Data\Monoletc\mono\2.0\Browsers\Compat.browser
Compressing: C: \Users\John\Documents \FPS Game - Chapter 9\Export\FPSGame_Data\Monoletc\monolmconfig\config.xm|
Compressing: C: \Users \John<br>Documents\FPS Game - Chapter 9\Export\FPSGame_Data Kesources\unity default resources
Compressing: C: \Users\John\Documents\FPS Game - Chapter 9\Export|VPSGame_Data\Resources\unity_builtin_extra
Compressing Setup program executable
Updating version info
*** Finished. [10:42:59 PM, 02:30.703 elapsed]
Compiler Output Debug Output

| $1: 1$ | Insert |
| :--- | :--- | :--- |


Setup - FPS Game
Welcome to the FPS Game Setup
Wizard
This will install FPS Game version 1.0 on your computer.
It is recommended that you close all other applications before
continuing.
Click Next to continue, or Cancel to exit Setup.

