Lego Star Wars: The Video Game save file editing guide

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Contents

Introduction

This guide aims to explain how to modify a save file for Lego Star Wars: The Video Game on PC and go into details about how the game stores progression. The game writes to the save file in machine language also known as binary code but the editing and reading for the save file done in this guide will be in hex code. A guide on binary and hex code will be in this document to make it easier to understand how the values in the save file work. This is not intended to cheat as it's best to have completed the game to know how these values translate in the game. The save file is stored in a folder in the root directory of the game. On PC the game can have up to 6 save files. The folder names range from lsw_0 to lsw_5. In each respective folder contains 2 files CODE.BIN and LSW.BIN. CODE.BIN contains the displayed stud value on the save file load screen which most of the time is correct. LSW.BIN is the main save file where all the save data is stored.

Binary Code

Binary code works in a base 2 system and stores values as 0 or 1, this can also be translated to On or Off and also True or False. For the scope of this guide the focus will only be on 1-byte binary values 8 bits and 1 bit is each character in binary. 1-byte binary values can be translated to decimal using the 8-bit position numbers 1, 2, 4, 8, 16, 32, 64 and 128. Any combination of these 8 decimal numbers can get you any decimal value between 0 and 255. Now let's use those 8 numbers to work out what 01101010 is. First from right to left use these 8 numbers starting with the highest value, then write the binary number underneath those numbers as follows.

128	64	32	16	8	4	2	1
0	1	1	0	1	0	1	0

Now take the numbers that have a 1 in their column in this case 64, 32, 8 and 2. Now add these numbers up 64 + 32 = 96, 96 + 8 = 104, 104 + 2 = 106. Now it has been worked out the binary value of 01101010 in decimal is 106.

Hex Code

Hex Code is a base 16 system and sits between Binary and Decimal. In Hex the 16 values are 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E and F. 0-9 is the same in Decimal then A-F is 10-15 in Decimal. After F the value is 10 which is 16 in decimal. To be clear 10 in Hex is not Decimal 10 and 10 in Hex is said One Zero. The highest 1-byte value in hex is FF with the decimal value being 255. To avoid confusion sometime to clearly state a Hex value and not confuse with decimal the value gets written with a 0x in front so 0x10 will not be confused for decimal 10 and will be interpreted as One Zero. Hex code is a way to condense Binary code as instead of it being written as 8 characters per byte in Hex that can be written as 2 characters per byte. The 8 decimal numbers for Binary bit positions 1, 2, 4, 8, 16, 32, 64 and 128. In Hex these are written as 0x1, 0x2, 0x4, 0x8, 0x10, 0x20, 0x40 and 0x80. Any combination of these values can represent a Decimal value between 0 and 255.

Editing

In Hex code editing there is an address location known as memory address which tells where a Hex value can be put. The memory address works by columns and rows. The columns range from 00 to 0F and go up by 0x1. The rows start at 0x0 and go up by 0x10 for however many rows required. A memory address is determined by the row plus the column so if it's in row 0x1A0 and column 0x05 the memory address is 0x1A5. Each memory address is one byte. So, if key unlocked value is 0x20 in the memory address 0x1A5, this means that if 0x20 can be found in memory address 0x1A5 then the key is unlocked.

If multiple values are stored in one memory address, such as:

- Red key value = 0x10
- Green key value = 0x20

all at memory address 0x1A5, then:

- If the value at 0x1A5 is 0x10, it means only the Red key is unlocked, while the Green and Yellow keys are locked.
- If the value is 0x60 (which is 0x20 + 0x40), it means the Green and Yellow keys are unlocked, but the

- Yellow key value = 0x40

  Red key is locked since its value is not present.
- If the value is 0x70 (which contains 0x10 + 0x20 + 0x40) meaning all values are present, then all 3 keys are unlocked.

Save file values

Checksum

The Checksum is stored across a 4-byte value at 0x210 to 0x213 that adds all the values up in 4-byte chunks which that value needs to match otherwise the load is corrupted. When it's too hard to add or take away any changes made use the checksum updater program from Pollythepancake at https://github.com/PollyThePancake/LSWSCU to do it for you.

Game configuration settings

Here is a list of configuration settings, their memory addresses, and corresponding hex values:

- Auto Save
    - Memory Address: 0x04
    - Value: 0x01 (enabled)

- Surround Sound
    - Memory Address: 0x05
    - Value: 0x01 (enabled)

- Sound
    - Memory Address: 0x08
    - Value: Any hex value
    - Description: The value represents the sound level in decimal. For example, if the value is 0x0A, the sound level is 10. This value can be set higher than 10, but it may be too loud for some users.

- Music
    - Memory Address: 0x09
    - Value: 0x01 (enabled)

- Reverse Up and Down Controls
    - Memory Address: 0x0C
    - Value: 0x01 (enabled)
    - Description: This setting affects flight controls in Episode III Revenge Of The Sith Chapter 1 Battle Over Coruscant.

Stud Value

The Stud value is stored across a 4-byte memory address from 0x204 to 0x207, and the value in this address range will reflect the in-game stud value.

For example, if the save file has 100,000 studs, the hexadecimal value is 0x0186A0. Since the game uses little-endian byte order, the value would be stored in memory as 00 A0 86 01. The maximum value possible in-game is 2,147,483,640 which in hexadecimal is 0x7FFFFFF8. In little-endian format this is stored as F8 FF FF 7F. The absolute maximum possible value down to the final unit is 2,147,483,647 which in hexadecimal is 0x7FFFFFFF. In little-endian, that is stored as FF FF FF 7F. If the stud value goes beyond 2,147,483,647 it will become a negative value because the value isn't a 32-bit signed value which the game doesn't handle correctly.

Level Status

Each level status stores the following information:

- Story unlocked
  - Value: 0x00 or 0x01
  - Description: The level can be entered.
- Story complete
  - Value: 0x00 or 0x01
  - Description: This level's story mode has been completed.
- Stud meter filled
  - Value: 0x00 or 0x01
  - Description: This level has achieved True Jedi status.
- Minikit built
  - Value: 0x00 or 0x01
  - Description: The Minikit for this level has been fully built.
- Canister Count
  - Value: Ranges from 0x00 to 0x0A
  - Description: The number of canisters collected in this level.

Each Levels memory addresses:

Episode I The Phantom Menace

Chapter 1 Negotiations

- Story unlocked: 0x110
- Story complete: 0x111
- Stud meter filled: 0x112
- Minikit built: 0x113
- Canister Count: 0x114

Chapter 2 Invasion Of Naboo

- Story unlocked: 0x118
- Story complete: 0x119
- Stud meter filled: 0x11A
- Minikit built: 0x11B
- Canister Count: 0x11C

Chapter 3 Escape From Naboo

- Story unlocked: 0x120
- Story complete: 0x121
- Stud meter filled: 0x122
- Minikit built: 0x123
- Canister Count: 0x124

Chapter 4 Mos Espa Podrace

- Story unlocked: 0x128
- Story complete: 0x129
- Stud meter filled: 0x12A
- Minikit built: 0x12B
- Canister Count: 0x12C

Chapter 5 Retake Theed Palace

- Story unlocked: 0x130
- Story complete: 0x131
- Stud meter filled: 0x132
- Minikit built: 0x133
- Canister Count: 0x134

Chapter 6 Darth Maul

- Story unlocked: 0x138
- Story complete: 0x139
- Stud meter filled: 0x13A
- Minikit built: 0x13B
- Canister Count: 0x13C

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Episode II Attack Of The Clones

Chapter 1 Discovery On Kamino

- Story unlocked: 0x148
- Story complete: 0x149
- Stud meter filled: 0x14A
- Minikit built: 0x14B
- Canister Count: 0x14C

Chapter 2 Droid Factory

- Story unlocked: 0x150
- Story complete: 0x151
- Stud meter filled: 0x152
- Minikit built: 0x153
- Canister Count: 0x154

Chapter 3 Jedi Battle

- Story unlocked: 0x158
- Story complete: 0x159
- Stud meter filled: 0x15A
- Minikit built: 0x15B
- Canister Count: 0x15C

Chapter 4 Gun Ship Cavalry

- Story unlocked: 0x160
- Story complete: 0x161
- Stud meter filled: 0x162
- Minikit built: 0x163
- Canister Count: 0x164

Chapter 5 Count Dooku

- Story unlocked: 0x168
- Story complete: 0x169
- Stud meter filled: 0x16A
- Minikit built: 0x16B
- Canister Count: 0x16C

Episode III Revenge Of The Sith

Chapter 1 Battle Over Coruscant

- Story unlocked: 0x178
- Story complete: 0x179
- Stud meter filled: 0x17A
- Minikit built: 0x17B
- Canister Count: 0x17C

Chapter 2 Chancellor In Peril

- Story unlocked: 0x180
- Story complete: 0x181
- Stud meter filled: 0x182
- Minikit built: 0x183
- Canister Count: 0x184

Chapter 3 General Grievous

- Story unlocked: 0x188
- Story complete: 0x189
- Stud meter filled: 0x18A
- Minikit built: 0x18B
- Canister Count: 0x18C

Chapter 4 Defence Of Kashyyyk

- Story unlocked: 0x190
- Story complete: 0x191
- Stud meter filled: 0x192
- Minikit built: 0x193
- Canister Count: 0x194

Chapter 5 Ruin Of The Jedi

- Story unlocked: 0x198
- Story complete: 0x199
- Stud meter filled: 0x19A
- Minikit built: 0x19B
- Canister Count: 0x19C

Chapter 6 Darth Vader

- Story unlocked: 0x1A0
- Story complete: 0x1A1

- Stud meter filled: 0x1A2
- Minikit built: 0x1A3
- Canister Count: 0x1A4

Episode IV A New Hope

- Story unlocked: 0x1B0

- Story complete: 0x1B1

Hints

In-game hints

The in-game hints are stored across a 4-byte memory address from 0x208 to 0x20B. Once the value of a hint is present in the save file it will not display again on that save file.

Here is each memory address and the hints it contains, along with the associated value:

- Address: 0x208
  - Hint: "Hold [SPECIAL] to use your special ability. Jedi can use The Force on glowing LEGO objects."
    - Value: 0x04
  - Hint: "Walk up to a friendly character and press [TAG] to take control of them."
    - Value: 0x08
  - Hint: "Hold [SPECIAL] to use your special ability. Droids can open certain doors."
    - Value: 0x40
  - Hint: "You can regain control of your other characters at any time by moving up to them and pressing [TAG]."
    - Value: 0x20
  - Hint: "Press [SPECIAL] to use the Force on glowing LEGO objects."
    - Value: 0x02
  - Hint: "Press [ACTION] to deflect blaster bolts as they approach you."
    - Value: 0x10
  - Hint: "In Free Play mode, you can cycle between different characters by pulling [TOGGLELEFT] or [TOGGLERIGHT]. Remember, each character has a different ability."
    - Value:0x01
- Address: 0x209
  - Hint: "Jar Jar can jump higher than other characters. Press [x] twice to do his super jump."
    - Value: 0x80
  - Hint: "Blaster characters can grapple to other areas.

Stand on the red circles and press [CIRCLE]."
    - Value: 0x40
  - Hint: "Try to tag your friend before you are gripped by the forces of the dark side."
    - Value: 0x02

- Address: 0x20A
  - Hint: "Astromech droids can use their probe on some electronic panels. Move up to the panel and press [circle]."
    - Value: 0x01
- Address: 0x20B
  - Hint: "Blaster characters can shoot targets."
    - Value: 0x04

  - Hint: "Hold CIRCLE to use your special ability. Young Anakin can crawl through certain vents."
    - Value: 0x08

Other in-game hints are tied to the level if its story mode has been completed.

Shop hints

The shop hints are stored across a 2-byte memory address from 0x1C0 to 0x1C1. These hints can be bought at Dexter's shop.

Here is each memory address and the hints it contains, along with the associated value:

- Address: 0x1C0
  - Hint: "Blaster characters can grapple to other areas. Stand on the red circles and press [CIRCLE]."
    - Value: 0x020
  - Hint: "Jar Jar can jump higher than other characters. Press [x] twice to do his super jump."
- Address: 0x1C1
  - Hint: "Astromech droids can hover for a limited time. Press and hold [x] to activate the boosters."
    - Value: 0x01
  - Hint: "Watch out for black LEGO objects. Dark Force characters can use the Force on them."
    - Value: 0x02
  - Hint: "Freeplay mode means you can go back and

    - Value: 0x40
  - Hint: "Astromech droids can use their probe on some electronic panels. Move up to the panel and press [circle]."
    - Value: 0x80

play a completed level with any character that you have unlocked!"
    - Value: 0x04
  - Hint: "To take other characters into the levels in Freeplay, simply tag them in the Diner and go through the door of the level you wish to play."
    - Value: 0x08

- o Hint: "Fill up the Jedi meter in each level to receive a super-kit piece. Collect all 17 to reveal a super-secret bonus!"
  - Value: 0x10

Spawn between Episodes II and III doors in Dexter's Diner

After finishing Episode I The Phantom Menace Chapter 1 Negotiations whenever the player heads back to Dexter's Diner the player will spawn between Episodes II and III doors to show the player these Episode are unlocked. This happens if the value in memory address 0x03 is equal to 0x00. This value will change to 0x01 once the next save of the save file is made by the game.

Super-Kit

- Memory Address: 0x08
- Value: Ranges from 0x00 to 0x11
- Description: Count of how many pieces the super-kit has been built out of 17 in hex.

Canisters

The memory address for each particular canister varies depending on level and its location. Video reference for canister numbers and their locations are available here:

https://www.youtube.com/playlist?list=PLBv_PJlC1Hcx9fK5eSE-2jA1_55Y0CSQz

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Episode I The Phantom Menace
Chapter 1 Negotiations

- Canister 1

  - Address: 0x14
  - Value: 0x01

- Canister 2

  - Address: 0x14
  - Value: 0x08

- Canister 3

  - Address: 0x14
  - Value: 0x10

- Canister 4

  - Address: 0x16
  - Value: 0x01

- Canister 5
  - Address: 0x16
  - Value: 0x02

- Canister 6

  - Address: 0x14
  - Value: 0x04

- Canister 7

  - Address: 0x14
  - Value: 0x02

- Canister 8

  - Address: 0x18
  - Value: 0x02

- Canister 9

  - Address: 0x18
  - Value: 0x04

- Canister 10

  - Address: 0x18
  - Value: 0x01

Chapter 2 Invasion of Naboo

- Canister 1

  - Address: 0x20
  - Value: 0x08

- Canister 2

  - Address: 0x20
  - Value: 0x10

- Canister 3

  - Address: 0x20
  - Value: 0x02

- Canister 4

  - Address: 0x20
  - Value: 0x04

- Canister 5

  - Address: 0x20
  - Value: 0x01

- Canister 6

  - Address: 0x22
  - Value: 0x01

- Canister 7

  - Address: 0x24
  - Value: 0x02

- Canister 8

  - Address: 0x24
  - Value: 0x01

- Canister 9

  - Address: 0x24
  - Value: 0x04

- Canister 10

  - Address: 0x26
  - Value: 0x01

Chapter 3 Escape from Naboo

- Canister 1

  - Address: 0x32
  - Value: 0x02

- Canister 2

  - Address: 0x32
  - Value: 0x01

- Canister 3

  - Address: 0x34
  - Value: 0x02

- Canister 4

  - Address: 0x34
  - Value: 0x04

- Canister 5

  - Address: 0x34
  - Value: 0x01

- Canister 6

  - Address: 0x36
  - Value: 0x02

- Canister 7

  - Address: 0x36
  - Value: 0x01

- Canister 8

  - Address: 0x38
  - Value: 0x04

- Canister 9

  - Address: 0x38
  - Value: 0x02

- Canister 10

  - Address: 0x38
  - Value: 0x01

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Chapter 4 Mos Espa Podrace

- Canister 1
    - Address: 0x46
    - Value: 0x04

- Canister 2
    - Address: 0x46
    - Value: 0x08

- Canister 3
    - Address: 0x48
    - Value: 0x01

- Canister 4
    - Address: 0x48
    - Value: 0x02

- Canister 5
    - Address: 0x48
    - Value: 0x04

- Canister 6
    - Address: 0x48
    - Value: 0x08

- Canister 7
    - Address: 0x4A
    - Value: 0x01

- Canister 8
    - Address: 0x4A
    - Value: 0x02

- Canister 9
    - Address: 0x46
    - Value: 0x01

- Canister 10
    - Address: 0x46
    - Value: 0x02

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Chapter 5 Retake Theed Palace

- Canister 1

    - Address: 0x58
    - Value: 0x02

- Canister 2

    - Address: 0x58
    - Value: 0x01

- Canister 3

    - Address: 0x5A
    - Value: 0x01

- Canister 4

    - Address: 0x5A
    - Value: 0x02

- Canister 5

    - Address: 0x5C
    - Value: 0x01

- Canister 6

    - Address: 0x5C
    - Value: 0x02

- Canister 7

    - Address: 0x5E
    - Value: 0x01

- Canister 8

    - Address: 0x60
    - Value: 0x01

- Canister 9

    - Address: 0x62
    - Value: 0x02

- Canister 10

    - Address: 0x62
    - Value: 0x01

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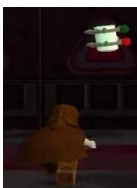## Chapter 6 Darth Maul

- Canister 1

    - Address: 0x6A
    - Value: 0x01

- Canister 2

    - Address: 0x6A
    - Value: 0x02

- Canister 3

    - Address: 0x6C
    - Value: 0x01

- Canister 4

    - Address: 0x6C
    - Value: 0x04

- Canister 5

    - Address: 0x6C
    - Value: 0x02

- Canister 6

    - Address: 0x6E
    - Value: 0x01

- Canister 7

    - Address: 0x6E
    - Value: 0x02

- Canister 8

    - Address: 0x72
    - Value: 0x01

- Canister 9

    - Address: 0x72
    - Value: 0x04

- Canister 10

    - Address: 0x72
    - Value: 0x02

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Episode II Attack Of The Clones
Chapter 1 Discovery On Kamino

- Canister 1

  - Address: 0x7C
  - Value: 0x01

- Canister 2

  - Address: 0x7C
  - Value: 0x02

- Canister 3
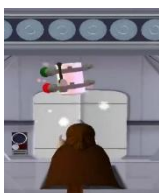

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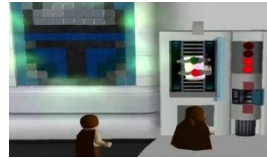 - Value: 0x02

- Canister 4

  - Address: 0x80
  - Value: 0x01

- Canister 5

  - Address: 0x80
  - Value: 0x04

- Canister 6

  - Address: 0x7E
  - Value: 0x04

- Canister 7

  - Address: 0x7E
  - Value: 0x02

- Canister 8

  - Address: 0x7E
  - Value: 0x01

- Canister 9

  - Address: 0x84
  - Value: 0x01

- Canister 10

  - Address: 0x82
  - Value: 0x01

Chapter 2 Droid Factory

- Canister 1

  - Address: 0x92
  - Value: 0x01

- Canister 2

  - Address: 0x94
  - Value: 0x01

- Canister 3

  - Address: 0x94
  - Value: 0x02

- Canister 4

  - Address: 0x96
  - Value: 0x01

- Canister 5

  - Address: 0x96
  - Value: 0x02

- Canister 6

  - Address: 0x098
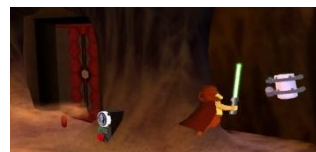 - Value: 0x01

- Canister 7

  - Address: 0x9A
  - Value: 0x02

- Canister 8

  - Address: 0x9A
  - Value: 0x04

- Canister 9

  - Address: 0x9A
  - Value: 0x01

- Canister 10

  - Address: 0x9C
  - Value: 0x01

Chapter 3 Jedi Battle

- Canister 1

  - o Address: 0xA2
  - o Value: 0x10

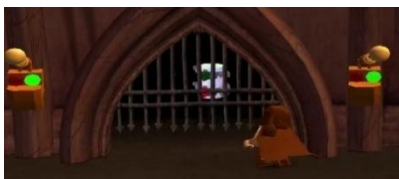- Canister 2

  - o Address: 0xA2
  - o Value: 0x01

- Canister 3

  - o Address: 0xA2
  - o Value: 0x04

- Canister 4

  - o Address: 0xA2
  - o Value: 0x80

- Canister 5

  - o Address: 0xA2
  - o Value: 0x08

- Canister 6

  - o Address: 0xA2
  - o Value: 0x20
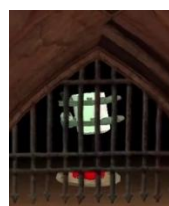
- Canister 7

  - o Address: 0xA3
  - o Value: 0x02

- Canister 8

  - o Address: 0xA3
  - o Value: 0x01

- Canister 9

  - o Address: 0xA2
  - o Value: 0x40

- Canister 10

  - o Address: 0xA2
  - o Value: 0x02

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Chapter 4 Gunship Cavalry

- Canister 1

  - Address: 0xA8
  - Value: 0x1

- Canister 2

  - Address: 0xA8
  - Value: 0x02

- Canister 3

  - Address: 0xA8
  - Value: 0x04

- Canister 4

  - Address: 0xA8
  - Value: 0x08

- Canister 5

  - Address: 0xA8
  - Value: 0x10

- Canister 6
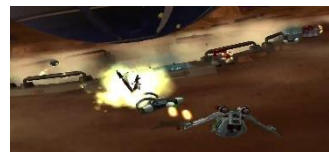

  - Address: 0xAA
  - Value: 0x02

- Canister 7

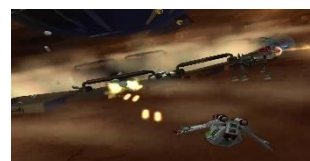
  - Address: 0xAA
  - Value: 0x01

- Canister 8

  - Address: 0xAA
  - Value: 0x04

- Canister 9

  - Address: 0xAA
  - Value:0x08

- Canister 10

  - Address: 0xAA
  - Value: 0x10

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Chapter 6 Count Dooku

- Canister 1

  - Address: 0xB0
  - Value: 0x01

- Canister 2

  - Address: 0xB0
  - Value: 0x08

- Canister 3

  - Address: 0xB0
  - Value: 0x04
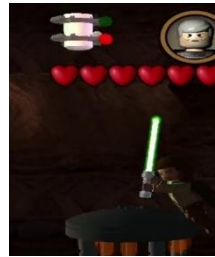
- Canister 4

  - Address: 0xB0
  - Value: 0x10

- Canister 5

  - Address: 0xB0
  - Value: 0x20

- Canister 6

  - Address: 0xB0
  - Value: 0x02

- Canister 7

  - Address: 0xB2
  - Value: 0x04

- Canister 8

  - Address: 0xB2
  - Value: 0x08

- Canister 9

  - Address: 0xB2
  - Value: 0x01

- Canister 10

  - Address: 0xB2
  - Value: 0x02

Episode III Revenge Of The Sith

Chapter 1 Battle Over Coruscant

- Canister 1

  - Address: 0xBC
  - Value: 0x01

- Canister 2

  - Address: 0xBC
  - Value: 0x02

- Canister 3

  - Address: 0xBC
  - Value: 0x04

- Canister 4

  - Address: 0xBC
  - Value: 0x08

- Canister 5

  - Address: 0xBC
  - Value: 0x10

- Canister 6

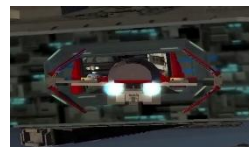
  - Address: 0xBC
  - Value: 0x20

- Canister 7

  - Address: 0xBC
  - Value: 0x40

- Canister 8

  - Address: 0xBC
  - Value: 0x80

- Canister 9
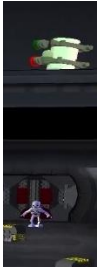

  - Address: 0xBD
  - Value: 0x01

- Canister 10

  - Address: 0xBD
  - Value: 0x02

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Chapter 2 Chancellor In Peril

- Canister 1

  - Address: 0xC0
  - Value: 0x01

- Canister 2

  - Address: 0xCC
  - Value: 0x01

- Canister 3

  - Address: 0xC2
  - Value: 0x01

- Canister 4

  - Address: 0xC2
  - Value: 0x02

- Canister 5
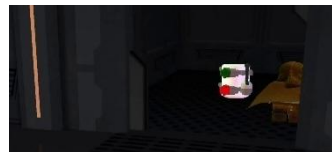

  - Address: 0xC2
  - Value: 0x04

- Canister 6

  - Address: 0xC2
  - Value: 0x08

- Canister 7

  - Address: 0xC4
  - Value: 0x01

- Canister 8

  - Address: 0xC8
  - Value: 0x01

- Canister 9

  - Address: 0xCA
  - Value: 0x01

- Canister 10

  - Address: 0xCA
  - Value: 0x02

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Chapter 3 General Grievous

- Canister 1

  o Address: 0xD4
  o Value: 0x01

- Canister 2

  o Address: 0xD4
  o Value: 0x02

- Canister 3

  o Address: 0xD4
  o Value: 0x08

- Canister 4

  o Address: 0xD4
  o Value: 0x20

- Canister 5

  o Address: 0xD5
  o Value: 0x02

- Canister 6

  o Address: 0xD4
  o Value: 0x10

- Canister 7

  o Address: 0xD5
  o Value: 0x01

- Canister 8

  o Address: 0xD4
  o Value: 0x40

- Canister 9

  o Address: 0xD4
  o Value: 0x04

- Canister 10

  o Address: 0xD4
  o Value: 0x80

Chapter 4 Defence Of Kashyyyk

- Canister 1

  - Address: 0xD8
  - Value: 0x01

- Canister 2

  - Address: 0xD8
  - Value: 0x04

- Canister 3

  - Address: 0xD8
  - Value: 0x02

- Canister 4

  - Address: 0xDA
  - Value: 0x02

- Canister 5

  - Address: 0xDA
  - Value: 0x01

- Canister 6

  - Address: 0xDA
  - Value: 0x04

- Canister 7

  - Address: 0xDC
  - Value: 0x01

- Canister 8

  - Address: 0xDE
  - Value: 0x04

- Canister 9

  - Address: 0xDE
  - Value: 0x02

- Canister 10

  - Address: 0xDE
  - Value: 0x01

Chapter 5 Ruin Of The Jedi

- Canister 1

  - o Address: 0xE6
  - o Value: 0x04

- Canister 2

  - o Address: 0xE6
  - o Value: 0x02

- Canister 3

  - o Address: 0xE6
  - o Value: 0x01

- Canister 4

  - o Address: 0xE8
  - o Value: 0x02

- Canister 5

  - o Address: 0xE8
  - o Value: 0x01

- Canister 6

  - o Address: 0xE8
  - o Value: 0x04

- Canister 7

  - o Address: 0xEA
  - o Value: 0x02

- Canister 8

  - o Address: 0xEA
  - o Value: 0x01

- Canister 9

  - o Address: 0xEA
  - o Value: 0x10

- Canister 10

  - o Address: 0xEA
  - o Value: 0x04

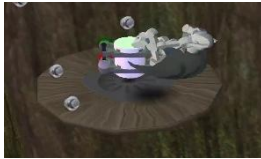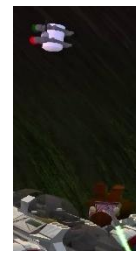# Lego Star Wars: The Video Game save file editing guide

Chapter 6 Darth Vader

- Canister 1

  - Address: 0xF0
  - Value: 0x02

- Canister 2

  - Address: 0xF0
  - Value: 0x01

- Canister 3

  - Address: 0xF0
  - Value: 0x08

- Canister 4

  - Address: 0xF0
  - Value: 0x10

- Canister 5

  - Address: 0xF0
  - Value: 0x04

- Canister 6
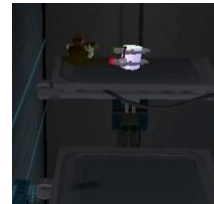
  - Address: 0xF2
  - Value: 0x01

- Canister 7

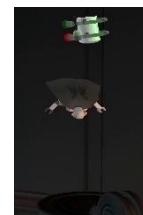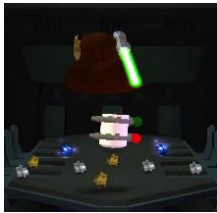 - Address: 0xF2
  - Value: 0x02

- Canister 8

  - Address: 0xF4
  - Value: 0x01

- Canister 9

  - Address: 0xF4
  - Value: 0x02

- Canister 10

  - Address: 0xF4
  - Value: 0x04

Characters

Unlocked means the character is available to use anywhere except story mode
Bought means the character has been bought in Dexter's shop
Cheat code used means the character's cheat code was used and is available to buy in store regardless of progress.
Here is every character and their addresses and values

Qui-Gon Jinn
- Unlocked
  - Address: 0x1D8
  - Value: 0x08

Padmé (Battle)
- Unlocked
  - Address: 0x1DA
  - Value: 0x80

Padmé (Geonosis)
- Unlocked
  - Address: 0x1DB
  - Value: 0x01

Obi-Wan Kenobi
- Unlocked
  - Address: 0x1D8
  - Value: 0x10

R2-D2
- Unlocked
  - Address: 0x1D9
  - Value: 0x04

C-3PO
- Unlocked
  - Address: 0x1DB
  - Value: 0x20

TC-14
- Unlocked
  - Address: 0x1DB
  - Value: 0x40

Anakin Skywalker (Boy)
- Unlocked
  - Address: 0x1DA
  - Value: 0x10

Mace Windu
- Unlocked
  - Address: 0x1DC
  - Value: 0x08

Padmé (Clawed)
- Unlocked
  - Address: 0x1DA
  - Value: 0x40

Jar Jar Binks
- Unlocked
  - Address: 0x1D9
  - Value: 0x02

Obi-Wan Kenobi (Jedi Master)
- Unlocked
  - Address: 0x1D8
  - Value: 0x14

Yoda
- Unlocked
  - Address: 0x1D9
  - Value: 0x80

Queen Amidala
- Unlocked
  - Address: 0x1DB
  - Value: 0x02

R4-P17
- Unlocked
  - Address: 0x1DD
  - Value: 0x10

Obi-Wan Kenobi (Episode III)
- Unlocked
  - Address: 0x1E4
  - Value: 0x02

Captain Panaka
- Unlocked
  - Address: 0x1DB
  - Value: 0x10

Anakin Skywalker (Padawan)
- Unlocked
  - Address: 0x1D9
  - Value: 0x20

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Anakin Skywalker (Jedi)
- Unlocked
  - Address: 0x1E3
  - Value: 0x08

Chancellor Palpatine
- Unlocked
  - Address: 0x1E4
  - Value: 0x10

Commander Cody
- Unlocked
  - Address: 0x1E4
  - Value: 0x80

Chewbacca
- Unlocked
  - Address: 0x1E1
  - Value: 0x01

Wookiee
- Unlocked
  - Address: 0x1E4
  - Value: 0x08

Anakin Skywalker (Darth Vader)
- Unlocked
  - Address: 0x1E1
  - Value: 0x40

Stormtrooper
- Unlocked
  - Address: 0x1E3
  - Value: 0x80

Gonk Droid
- Bought
  - Address: 0x1C8
  - Value: 0x01
- Unlocked
  - Address: 0x1E1
  - Value: 0x20

PK Droid
- Bought
  - Address: 0x1C8
  - Value: 0x02
- Unlocked
  - Address: 0x1DD
  - Value: 0x08
- Cheat code used (although this is redundant as PK Droid is available to buy from the start)
  - Address: 0x1F1
  - Value: 0x08

Battle Droid (Security)
- Bought
  - Address: 0x1C8
  - Value: 0x04
- Unlocked
  - Address: 0x1E0
  - Value: 0x01
- Cheat code used
  - Address: 0x1F4
  - Value: 0x01

Battle Droid
- Bought
  - Address: 0x1C8
  - Value: 0x08
- Unlocked
  - Address: 0x1D8
  - Value: 0x04
- Cheat code used
  - Address: 0x1EC
  - Value: 0x04

Battle Droid (Commander)
- Bought
  - Address: 0x1C8
  - Value: 0x10
- Unlocked
  - Address: 0x1DF
  - Value: 0x80
- Cheat code used
  - Address: 0x1F3
  - Value: 0x80

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Droideka
- Bought
  - Address: 0x1C8
  - Value: 0x20
- Unlocked
  - Address: 0x1D8
  - Value: 0x02
- Cheat code used
  - Address: 0x1EC
  - Value: 0x02

Royal Guard
- Bought
  - Address: 0x1C8
  - Value: 0x40
- Unlocked
  - Address: 0x1DA
  - Value: 0x04
- Cheat code used
  - Address: 0x1EE
  - Value: 0x04

Padmé
- Bought
  - Address: 0x1C8
  - Value: 0x80
- Unlocked
  - Address: 0x1DA
  - Value: 0x20
- Cheat code used
  - Address: 0x1EE
  - Value: 0x20

Darth Maul
- Bought
  - Address: 0x1C9
  - Value: 0x01
- Unlocked
  - Address: 0x1D9
  - Value: 0x01
- Cheat code used
  - Address: 0x1ED
  - Value: 0x01

Clone
- Bought
  - Address: 0x1C9
  - Value: 0x02
- Unlocked
  - Address: 0x1D8
  - Value: 0x01
- Cheat code used
  - Address: 0x1EC
  - Value: 0x01

Geonosian
- Bought
  - Address: 0x1C9
  - Value: 0x04
- Unlocked
  - Address: 0x1E0
  - Value: 0x08
- Cheat code used
  - Address: 0x1F4
  - Value: 0x08

Battle Droid (Geonosis)
- Bought
  - Address: 0x1C9
  - Value: 0x08
- Unlocked
  - Address: 0x1E0
  - Value: 0x02
- Cheat code used
  - Address: 0x1F4
  - Value: 0x02

Super Battle Droid
- Bought
  - Address: 0x1C9
  - Value: 0x10
- Unlocked
  - Address: 0x1DF
  - Value: 0x40
- Cheat code used
  - Address: 0x1F3
  - Value: 0x40

Jango Fett
- Bought
  - Address: 0x1C9
  - Value: 0x20
- Unlocked
  - Address: 0x1D8
  - Value: 0x80
- Cheat code used
  - Address: 0x1EC
  - Value: 0x80

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Boba Fett
- Bought
  - Address: 0x1C9
  - Value: 0x40
- Unlocked
  - Address: 0x1DE
  - Value: 0x20
- Cheat code used
  - Address: 0x1F2
  - Value: 0x20

Kit Fisto
- Bought
  - Address: 0x1CA
  - Value: 0x02
- Unlocked
  - Address: 0x1E6
  - Value: 0x01
- Cheat code used
  - Address: 0x1FA
  - Value: 0x01

Grievous' Bodyguard
- Bought
  - Address: 0x1CA
  - Value: 0x10
- Unlocked
  - Address: 0x1E6
  - Value: 0x02
- Cheat code used
  - Address: 0x1FA
  - Value: 0x02

Luminara
- Bought
  - Address: 0x1C9
  - Value: 0x80
- Unlocked
  - Address: 0x1E5
  - Value: 0x20
- Cheat code used
  - Address: 0x1F9
  - Value: 0x20

Shaak Ti
- Bought
  - Address: 0x1CA
  - Value: 0x04
- Unlocked
  - Address: 0x1E5
  - Value: 0x40
- Cheat code used
  - Address: 0x1F9
  - Value: 0x40

General Grievous
- Bought
  - Address: 0x1CA
  - Value: 0x20
- Unlocked
  - Address: 0x1E1
  - Value: 0x04
- Cheat code used
  - Address: 0x1F5
  - Value: 0x04

Ki-Adi Mundi
- Bought
  - Address: 0x1CA
  - Value: 0x01
- Unlocked
  - Address: 0x1E5
  - Value: 0x80
- Cheat code used
  - Address: 0x1F9
  - Value: 0x80

Count Dooku
- Bought
  - Address: 0x1CA
  - Value: 0x08
- Unlocked
  - Address: 0x1D9
  - Value: 0x40
- Cheat code used
  - Address: 0x1ED
  - Value: 0x40

Clone (Episode III)
- Bought
  - Address: 0x1CA
  - Value: 0x40
- Unlocked
  - Address: 0x1E4
  - Value: 0x20
- Cheat code used
  - Address: 0x1F8
  - Value: 0x20

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Clone (Episode III, Pilot)
- Bought
    - Address: 0x1CA
    - Value: 0x80
- Unlocked
    - Address: 0x1E4
    - Value: 0x40
- Cheat code used
    - Address: 0x1F8
    - Value: 0x40

Mace Windu (Episode III)
- Bought
    - Address: 0x1CB
    - Value: 0x04
- Unlocked
    - Address: 0x1E2
    - Value: 0x08
- Cheat code used
    - Address: 0x1F6
    - Value: 0x08

Rebel Trooper
- Bought
    - Address: 0x1CB
    - Value: 0x20
- Unlocked
    - Address: 0x1F0
    - Value: 0x02
- Cheat code used
    - Address: 0x1F0
    - Value: 0x02

Clone (Episode III, Swamp)
- Bought
    - Address: 0x1CB
    - Value: 0x01
- Unlocked
    - Address: 0x1E5
    - Value: 0x01
- Cheat code used
    - Address: 0x1F9
    - Value: 0x01

Disguised Clone
- Bought
    - Address: 0x1CB
    - Value: 0x08
- Unlocked
    - Address: 0x1E4
    - Value: 0x04
- Cheat code used
    - Address: 0x1F8
    - Value: 0x04

Princess Leia
- Bought
    - Address: 0x1CB
    - Value: 0x40
- Unlocked
    - Address: 0x1E7
    - Value: 0x10
- Cheat code used
    - Address: 0x1FB
    - Value: 0x10

Clone (Episode III, Walker)
- Bought
    - Address: 0x1CB
    - Value: 0x02
- Unlocked
    - Address: 0x1E5
    - Value: 0x02
- Cheat code used
    - Address: 0x1F9
    - Value: 0x02

Darth Sidious
- Bought
    - Address: 0x1CB
    - Value: 0x10
- Unlocked
    - Address: 0x1D8
    - Value: 0x40
- Cheat code used
    - Address: 0x1EC
    - Value: 0x40

Extras

Bought extras are stored across a 2-byte memory address from 0x1D0 to 0x1D1. This reflects the Extras bought in Dexter's shop.

Here is each memory address and the extras it contains, along with the associated value:

- Address 0x1D0
  - Extra: Invincibility
    - Value: 0x01
  - Extra: Silhouettes
    - Value: 0x02
  - Extra: Purple
    - Value: 0x04
  - Extra: Moustaches
    - Value: 0x08
  - Extra: Minikit Detector
    - Value: 0x10
  - Extra: Tea cups
    - Value: 0x20
  - Extra: Brushes
    - Value: 0x40
  - Extra: Big Blasters
    - Value: 0x80

- Address 0x1D1
  - Extra: Classic Blasters
    - Value: 0x01
  - Extra: Classic Blasters
    - Value: 0x02

Extras are stored across a 2-byte memory address from 0x200 to 0x201. This reflects Extras unlocked and available to use.

Here is each memory address and the extras it contains, along with the associated value:

- Address 0x200
  - Extra: Invincibility
    - Value: 0x01
  - Extra: Silhouettes
    - Value: 0x02
  - Extra: Purple
    - Value: 0x04
  - Extra: Moustaches
    - Value: 0x08
  - Extra: Minikit Detector
    - Value: 0x10
  - Extra: Tea cups
    - Value: 0x20
  - Extra: Brushes
    - Value: 0x40
  - Extra: Big Blasters
    - Value: 0x80

- Address 0x201
  - Extra: Classic Blasters
    - Value: 0x01
  - Extra: Classic Blasters
    - Value: 0x02