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#### 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 <a href="https://github.com/PollyThePancake/LSWSCU">https://github.com/PollyThePancake/LSWSCU</a> 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: 0x05Value: 0x01 (enabled)

Sound

Memory Address: 0x08Value: 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: 0x09Value: 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
  - o Value: 0x00 or 0x01
  - Description: The level can be entered.
- Story complete
  - o Value: 0x00 or 0x01
  - Description: This level's story mode has been completed.
- Stud meter filled
  - o Value: 0x00 or 0x01
  - Description: This level has achieved True Jedi status.

- Minikit built
  - o 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

#### **Episode II Attack Of The Clones**

#### Chapter 1 Discovery On Kamino

Story unlocked: 0x148Story complete: 0x149

• Stud meter filled: 0x14A

Minikit built: 0x14B

• Canister Count: 0x14C

#### Chapter 2 Droid Factory

Story unlocked: 0x150Story 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: 0x17BCanister Count: 0x17C

#### Chapter 2 Chancellor In Peril

Story unlocked: 0x180
Story complete: 0x181
Stud meter filled: 0x182

Minikit built: 0x183Canister Count: 0x184

#### Chapter 3 General Grievous

Story unlocked: 0x188
Story complete: 0x189
Stud meter filled: 0x18A

Minikit built: 0x18BCanister 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]."
- 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.

- 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

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

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: "Hold CIRCLE to use

certain vents."

your special ability. Young

Anakin can crawl through

Value: 0x08

 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

 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\_PJIC1Hcx9fK5eSE-2jA1\_55Y0CSQz

# Episode I The Phantom Menace Chapter 1 Negotiations

• Canister 1



Address: 0x14Value: 0x01

• Canister 2



Address: 0x14Value: 0x08

• Canister 3



Address: 0x14Value: 0x10

• Canister 4



Address: 0x16Value: 0x01



• Canister 5

Address: 0x16Value: 0x02

Canister 6



Address: 0x14Value: 0x04

• Canister 7



Address: 0x14Value: 0x02

• Canister 8



Address: 0x18Value: 0x02

Canister 9



Address: 0x18Value: 0x04

Canister 10



Address: 0x18Value: 0x01

#### Chapter 2 Invasion of Naboo

#### • Canister 1



Address: 0x20Value: 0x08

#### • Canister 2



Address: 0x20Value: 0x10

#### • Canister 3



Address: 0x20Value: 0x02

#### Canister 4



Address: 0x20Value: 0x04

#### • Canister 5



Address: 0x20Value: 0x01

#### • Canister 6



Address: 0x22Value: 0x01

#### • Canister 7



Address: 0x24
Value: 0x02

#### • Canister 8



Address: 0x24Value: 0x01

#### • Canister 9



Address: 0x24Value: 0x04

#### • Canister 10



Address: 0x26Value: 0x01

#### Chapter 3 Escape from Naboo

#### Canister 1



Address: 0x32Value: 0x02

#### Canister 2



Address: 0x32Value: 0x01

#### Canister 3



Address: 0x34Value: 0x02

#### Canister 4



Address: 0x34Value: 0x04

#### • Canister 5



Address: 0x34Value: 0x01

#### Canister 6



Address: 0x36Value: 0x02

#### • Canister 7



Address: 0x36Value: 0x01

#### • Canister 8



Address: 0x38Value: 0x04

#### • Canister 9



Address: 0x38Value: 0x02

#### • Canister 10



Address: 0x38Value: 0x01

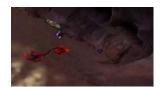
#### Chapter 4 Mos Espa Podrace

#### Canister 1



Address: 0x46Value: 0x04

#### • Canister 2



Address: 0x46Value: 0x08

#### Canister 3



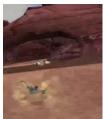
Address: 0x48Value: 0x01

#### Canister 4



Address: 0x48Value: 0x02

#### • Canister 5



Address: 0x48Value: 0x04

#### Canister 6



Address: 0x48Value: 0x08

#### • Canister 7



Address: 0x4AValue: 0x01

#### • Canister 8



Address: 0x4AValue: 0x02

#### Canister 9



Address: 0x46Value: 0x01

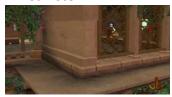
#### • Canister 10



Address: 0x46Value: 0x02

#### Chapter 5 Retake Theed Palace

#### Canister 1



Address: 0x58Value: 0x02

#### • Canister 2



Address: 0x58Value: 0x01

#### • Canister 3



Address: 0x5AValue: 0x01

#### Canister 4



Address: 0x5AValue: 0x02

#### • Canister 5



Address: 0x5CValue: 0x01

#### Canister 6



Address: 0x5C
Value: 0x02

#### • Canister 7



Address: 0x5EValue: 0x01

#### Canister 8



Address: 0x60Value: 0x01

#### Canister 9



Address: 0x62Value: 0x02

#### • Canister 10



Address: 0x62Value: 0x01

#### Chapter 6 Darth Maul

#### • Canister 1



o Address: 0x6A

O Value: 0x01

#### • Canister 2



Address: 0x6AValue: 0x02

#### Canister 3



Address: 0x6CValue: 0x01

#### Canister 4



Address: 0x6CValue: 0x04

#### Canister 5



Address: 0x6CValue: 0x02

#### • Canister 6



Address: 0x6EValue: 0x01

#### • Canister 7



Address: 0x6EValue: 0x02

#### • Canister 8



Address: 0x72Value: 0x01

#### • Canister 9



Address: 0x72Value: 0x04

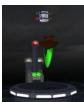
#### • Canister 10



Address: 0x72Value: 0x02

### Episode II Attack Of The Clones Chapter 1 Discovery On Kamino

#### • Canister 1



Address: 0x7CValue: 0x01

#### Canister 2



Address: 0x7CValue: 0x02

#### Canister 3



Address: 0x80Value: 0x02

#### Canister 4



Address: 0x80Value: 0x01

#### • Canister 5



Address: 0x80Value: 0x04

#### Canister 6



Address: 0x7EValue: 0x04

#### Canister 7



Address: 0x7EValue: 0x02

#### • Canister 8



Address: 0x7EValue: 0x01

#### • Canister 9



Address: 0x84Value: 0x01

#### • Canister 10



Address: 0x82Value: 0x01

#### Chapter 2 Droid Factory

#### • Canister 1



Address: 0x92Value: 0x01

#### • Canister 2



Address: 0x94Value: 0x01

#### Canister 3



Address: 0x94Value: 0x02

#### Canister 4



Address: 0x96Value: 0x01

#### Canister 5



Address: 0x96Value: 0x02

#### Canister 6



Address: 0x098Value: 0x01

#### Canister 7



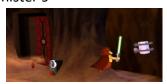
Address: 0x9AValue: 0x02

#### • Canister 8



Address: 0x9AValue: 0x04

#### • Canister 9



Address: 0x9AValue: 0x01

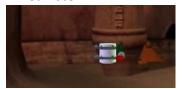
#### • Canister 10



Address: 0x9CValue: 0x01

#### Chapter 3 Jedi Battle

#### Canister 1



Address: 0xA2Value: 0x10

#### • Canister 2



Address: 0xA2Value: 0x01

#### • Canister 3



Address: 0xA2Value: 0x04

#### Canister 4



Address: 0xA2Value: 0x80

#### • Canister 5



Address: 0xA2Value: 0x08

#### • Canister 6



Address: 0xA2Value: 0x20

#### • Canister 7



Address: 0xA3Value: 0x02

#### • Canister 8



Address: 0xA3Value: 0x01

#### • Canister 9



Address: 0xA2Value: 0x40

#### • Canister 10



Address: 0xA2Value: 0x02

#### **Chapter 4 Gunship Cavalry**

#### Canister 1



Address: 0xA8Value: 0x1

#### • Canister 2



Address: 0xA8Value: 0x02

#### Canister 3



Address: 0xA8Value: 0x04

#### • Canister 4



Address: 0xA8Value: 0x08

#### • Canister 5



Address: 0xA8Value: 0x10

#### Canister 6



Address: 0xAAValue: 0x02

#### • Canister 7



Address: 0xAAValue: 0x01

#### Canister 8



Address: 0xAAValue: 0x04

#### • Canister 9



Address: 0xAAValue:0x08

#### • Canister 10



Address: 0xAAValue: 0x10

#### Chapter 6 Count Dooku

#### • Canister 1



Address: 0xB0Value: 0x01

#### Canister 2



Address: 0xB0Value: 0x08

#### Canister 3



Address: 0xB0Value: 0x04

#### • Canister 4



Address: 0xB0Value: 0x10

#### • Canister 5



Address: 0xB0Value: 0x20

#### • Canister 6



Address: 0xB0Value: 0x02

#### • Canister 7



Address: 0xB2Value: 0x04

#### • Canister 8



Address: 0xB2Value: 0x08

#### • Canister 9



Address: 0xB2
Value: 0x01

#### • Canister 10



Address: 0xB2Value: 0x02

# Episode III Revenge Of The Sith Chapter 1 Battle Over Coruscant

#### • Canister 1



Address: 0xBCValue: 0x01

#### Canister 2



Address: 0xBCValue: 0x02

#### Canister 3



Address: 0xBCValue: 0x04

#### • Canister 4



Address: 0xBCValue: 0x08

#### • Canister 5



Address: 0xBCValue: 0x10

#### Canister 6



Address: 0xBCValue: 0x20

#### • Canister 7



Address: 0xBCValue: 0x40

#### Canister 8



Address: 0xBCValue: 0x80

#### Canister 9



Address: 0xBDValue: 0x01

#### Canister 10



Address: 0xBDValue: 0x02

#### Chapter 2 Chancellor In Peril

#### Canister 1



Address: 0xC0Value: 0x01

#### Canister 2



Address: 0xCCValue: 0x01

#### • Canister 3



Address: 0xC2Value: 0x01

#### • Canister 4



Address: 0xC2Value: 0x02

#### • Canister 5



Address: 0xC2Value: 0x04

#### • Canister 6



Address: 0xC2Value: 0x08

#### • Canister 7



Address: 0xC4Value: 0x01

#### • Canister 8



Address: 0xC8Value: 0x01

#### • Canister 9



Address: 0xCAValue: 0x01

#### • Canister 10



Address: 0xCAValue: 0x02

#### Chapter 3 General Grievous

#### Canister 1



Address: 0xD4Value: 0x01

#### Canister 2



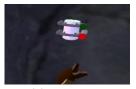
Address: 0xD4Value: 0x02

#### Canister 3



Address: 0xD4Value: 0x08

#### Canister 4



Address: 0xD4Value: 0x20

#### Canister 5



Address: 0xD5Value: 0x02

#### Canister 6



Address: 0xD4Value: 0x10

#### • Canister 7



Address: 0xD5

Value: 0x01

#### Canister 8



Address: 0xD4Value: 0x40

#### Canister 9



Address: 0xD4Value: 0x04

#### • Canister 10



Address: 0xD4Value: 0x80

#### Chapter 4 Defence Of Kashyyyk

• Canister 1



Address: 0xD8Value: 0x01

Canister 2



Address: 0xD8Value: 0x04

Canister 3



Address: 0xD8Value: 0x02

• Canister 4



Address: 0xDAValue: 0x02

Canister 5



Address: 0xDAValue: 0x01

Canister 6



Address: 0xDAValue: 0x04

Canister 7



Address: 0xDCValue: 0x01

• Canister 8



Address: 0xDEValue: 0x04

• Canister 9



Address: 0xDEValue: 0x02

Canister 10



Address: 0xDEValue: 0x01

#### Chapter 5 Ruin Of The Jedi

#### • Canister 1



Address: 0xE6Value: 0x04

#### • Canister 2



Address: 0xE6Value: 0x02

#### Canister 3



Address: 0xE6Value: 0x01

#### • Canister 4



Address: 0xE8Value: 0x02

#### Canister 5



Address: 0xE8Value: 0x01

#### Canister 6



Address: 0xE8Value: 0x04

#### • Canister 7



Address: 0xEAValue: 0x02

#### • Canister 8



Address: 0xEAValue: 0x01

#### • Canister 9



Address: 0xEAValue: 0x10

#### • Canister 10



Address: 0xEAValue: 0x04

#### Chapter 6 Darth Vader

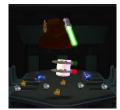
#### Canister 1



Address: 0xF0

o Value: 0x02

#### • Canister 2



o Address: 0xF0

o Value: 0x01

#### • Canister 3



o Address: 0xF0

o Value: 0x08

#### Canister 4



Address: 0xF0

o Value: 0x10

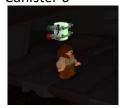
#### • Canister 5



Address: 0xF0

o Value: 0x04

#### Canister 6



Address: 0xF2

o Value: 0x01

#### • Canister 7



Address: 0xF2

o Value: 0x02

#### Canister 8



o Address: 0xF4

o Value: 0x01

#### • Canister 9



o Address: 0xF4

o Value: 0x02

#### • Canister 10



Address: 0xF4

o 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 Padmé (Battle) Padmé (Geonosis)

Unlocked

Address: 0x1D8

Value: 0x08

Unlocked

Address: 0x1DA

Value: 0x80

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

o Value: 0x08

Jar Jar Binks

Unlocked

Address: 0x1D9

Value: 0x02

Obi-Wan Kenobi (Jedi Master)

Unlocked

Address: 0x1D8

Value: 0x14

Padmé (Clawed)

Unlocked

Address:

0x1DA

o Value: 0x40

Queen Amidala

Unlocked

Address:

0x1DB Value: 0x02 R4-P17

Unlocked

Address: 0x1DD

Value: 0x10

Yoda

Unlocked

Address: 0x1D9

Captain Panaka

Unlocked

Address: 0x1DB

Value: 0x10

Anakin Skywalker (Padawan)

Unlocked

Address: 0x1D9

o Value: 0x20

Value: 0x80

Obi-Wan Kenobi (Episode III)

Unlocked

o Address: 0x1E4

o Value: 0x02

Anakin Skywalker (Jedi)

Unlocked

Address:0x1E3

o Value: 0x08

Chancellor Palpatine

Unlocked

Address:0x1E4

o Value: 0x10

**Commander Cody** 

Unlocked

Address:0x1E4

o Value: 0x80

Chewbacca

Unlocked

Address:0x1E1

o Value: 0x01

Wookiee

Unlocked

Address:0x1E4

o Value: 0x08

Anakin Skywalker (Darth Vader)

Unlocked

Address:0x1E1

o Value: 0x40

Stormtrooper

Unlocked

Address:0x1E3

Value: 0x80

**Gonk Droid** 

Bought

Address:0x1C8

o Value: 0x01

Unlocked

Address:0x1E1

o Value: 0x20

PK Droid

• Bought

Address:

0x1C8

o 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

o Value: 0x01

Cheat code used

Address:

0x1F4

Value: 0x01

**Battle Droid** 

Bought

Address:

0x1C8

Value: 0x08

Unlocked

Address:

0x1D8

o Value: 0x04

Cheat code used

o Address:

0x1EC

o Value: 0x04

Battle Droid (Commander)

Bought

Address: 0x1C8

Value: 0x10

Unlocked

Address:

0x1DF

Value: 0x80

Cheat code used

Address:

0x1F3

o Value: 0x80

#### Battle Droid (Geonosis) Droideka Darth Maul **Bought** Bought Bought Address: o Address: Address: 0x1C8 0x1C9 0x1C9 Value: 0x20 Value: 0x01 Value: 0x08 Unlocked Unlocked Unlocked Address: Address: Address: 0x1D8 0x1D9 0x1E0 Value: 0x01 Value: 0x02 Value: 0x02 Cheat code used Cheat code used Cheat code used Address: 0x1EC Address: Address: Value: 0x02 0x1ED 0x1F4 Value: 0x01 Value: 0x02 Royal Guard **Bought** Clone Super Battle Droid Address: Bought **Bought** 0x1C8 Address: Address: Value: 0x40 0x1C9 0x1C9 Value: 0x10 Unlocked Value: 0x02 Address: Unlocked Unlocked 0x1DA o Address: Address: o Value: 0x04 0x1D8 0x1DF Cheat code used Value: 0x01 Value: 0x40 Address: Cheat code used Cheat code used 0x1EE o Address: Address: Value: 0x04 0x1EC 0x1F3 Value: 0x01 Value: 0x40 Padmé

•	Bought	Geonosian	Jango Fett
	<ul><li>Address:</li></ul>	<ul> <li>Bought</li> </ul>	<ul> <li>Bought</li> </ul>
	0x1C8	<ul><li>Address:</li></ul>	o Address: 0x1C9
	o Value: 0x80	0x1C9	o Value: 0x20
•	Unlocked	<ul><li>Value: 0x04</li></ul>	<ul> <li>Unlocked</li> </ul>
	<ul><li>Address:</li></ul>	<ul> <li>Unlocked</li> </ul>	o Address: 0x1D8
	0x1DA	<ul><li>Address:</li></ul>	o Value: 0x80
	o Value: 0x20	0x1E0	<ul> <li>Cheat code used</li> </ul>
•	Cheat code used	o Value: 0x08	o Address: 0x1EC
	<ul><li>Address:</li></ul>	<ul> <li>Cheat code used</li> </ul>	o Value: 0x80
	0x1EE	<ul><li>Address:</li></ul>	

0x1F4

Value: 0x08

Value: 0x20

#### **Boba Fett** Kit Fisto Grievous' Bodyguard **Bought** Bought Bought Address: o Address: Address: 0x1C9 0x1CA 0x1CA Value: 0x02 Value: 0x10 Value: 0x40 Unlocked Unlocked Unlocked Address: Address: Address: 0x1DE 0x1E6 0x1E6 Value: 0x20 Value: 0x01 Value: 0x02 Cheat code used Cheat code used Cheat code used Address: Address: Address: 0x1F2 0x1FA 0x1FA Value: 0x20 Value: 0x01 Value: 0x02 Luminara Shaak Ti **General Grievous Bought Bought** Bought Address: Address: Address: 0x1CA 0x1C9 0x1CA Value: 0x20 Value: 0x80 Value: 0x04 Unlocked Unlocked Unlocked Address: o Address: o Address: 0x1E1 0x1E5 o Value: 0x04 0x1E5 o Value: 0x20 Value: 0x40 Cheat code used Cheat code used Cheat code used Address: 0x1F5 o Address: o Address: 0x1F9 0x1F9 Value: 0x04 Value: 0x20 Value: 0x40 Ki-Adi Mundi Count Dooku Clone (Episode III) Bought Bought Bought Address: Address: Address:

- Address:0x1CA
- o Value: 0x01
- Unlocked
  - Address:0x1E5
  - Value: 0x80
- Cheat code used
- Address: 0x1F9
  - o Value: 0x80

- Address: 0x1CA
- Value: 0x08
- Unlocked
  - Address:0x1D9
  - Value: 0x40
- Cheat code used
  - Address: 0x1ED
  - o Value: 0x40

- Address0x1CA
  - Value: 0x40
- Unlocked
  - Address:0x1E4
  - o Value: 0x20
- Cheat code used
  - Address: 0x1F8
  - o Value: 0x20

Clone (Episode III, Pilot)

• Bought

Address:0x1CA

o Value: 0x80

Unlocked

Address:0x1E4

o Value: 0x40

Cheat code used

Address:0x1F8

Value: 0x40

Mace Windu (Episode III)

Bought

Address:0x1CB

o Value: 0x04

Unlocked

Address:0x1E2

o Value: 0x08

Cheat code used

Address:0x1F6

o Value: 0x08

**Rebel Trooper** 

• Bought

Address:0x1CB

o Value: 0x20

Unlocked

Address:0x1F0

Value: 0x02

Cheat code used

Address:0x1F0

o Value: 0x02

Clone (Episode III, Swamp)

• Bought

Address:0x1CB

Value: 0x01

Unlocked

Address:0x1E5

o Value: 0x01

· Cheat code used

Address:0x1F9

Value: 0x01

**Disguised Clone** 

Bought

Address:0x1CB

o Value: 0x08

Unlocked

Address:0x1E4

o Value: 0x04

· Cheat code used

Address:0x1F8

o Value: 0x04

Princess Leia

Bought

Address:0x1CB

Value: 0x40

Unlocked

Address:0x1E7

Value: 0x10

Cheat code used

Address:0x1FB

o Value: 0x10

Clone (Episode III, Walker)

Bought

Address:0x1CB

o Value: 0x02

Unlocked

Address:
0x1E5

Value: 0x02

Cheat code used

Address: 0x1F9

o 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

o Extra: Invincibility

■ Value: 0x01

o Extra: Silhouettes

■ Value: 0x02

o Extra: Purple

■ Value: 0x04

o Extra: Moustaches

Value: 0x08

o 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.

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

Address 0x200

o Extra: Invincibility

■ Value: 0x01

o Extra: Silhouettes

■ Value: 0x02

o Extra: Purple

Value: 0x04

o Extra: Moustaches

Value: 0x08

Extra: Minikit Detector

Value: 0x10

o Extra: Tea cups

Value: 0x20

o Extra: Brushes

Value: 0x40

Extra: Big Blasters

Value: 0x80

Address 0x201

Extra: Classic Blasters

■ Value: 0x01

o Extra: Classic Blasters

■ Value: 0x02