Warning

Increasing speed of the laptop CPU can overheat the laptop, so, without a good cooler below laptop it will simply shut down because of overheat… I am suggesting you buying at least:

https://www.coolermaster.com/en-global/products/notepal-i300/?tab=tech_spec

Specifications:

- Fan Dimensions (L x W x H)160 x 160 x 15 mm / 6.3 x 6.3 x 0.6 inch
- Fan Speed 700–1400 RPM ± 150
- Fan Airflow 35 - 70 CFM

Laptop temperatures with this cooler always connected and working are:

Open Hardware Monitor

File View Options Help

Sensor	Value	Max
ORWELLIYADA		
Dell 0H2F8K		
11th Gen Intel Core i7-1...		
Clocks		
Bus Speed	99.4 MHz	99.4 MHz
CPU Core #1	4074.9 MHz	4074.9 MHz
CPU Core #2	1192.7 MHz	4671.2 MHz
CPU Core #3	4671.3 MHz	4671.3 MHz
CPU Core #4	1192.7 MHz	4671.2 MHz
Temperatures		
CPU Core #1	67.0 °C	87.0 °C
CPU Core #2	68.0 °C	88.0 °C
CPU Core #3	69.0 °C	86.0 °C
CPU Core #4	67.0 °C	94.0 °C
CPU Package	70.0 °C	94.0 °C
Load		
CPU Total	13.7 %	22.3 %
CPU Core #1	24.6 %	31.7 %
CPU Core #2	10.0 %	25.0 %
CPU Core #3	12.3 %	15.3 %
CPU Core #4	7.7 %	19.6 %
Powers		
CPU Package	13.8 W	15.6 W
CPU Cores	10.0 W	11.7 W
CPU Graphics	0.0 W	0.2 W
CPU DRAM	0.0 W	0.0 W
Generic Memory		
Load		
Memory	63.2 %	63.5 %
Data		
Used Memory	9.9 GB	10.0 GB
Available Memory	5.8 GB	5.8 GB
NVIDIA NVIDIA GeForc...		
Clocks		
GPU Core	1531.0 MHz	1531.0 MHz
GPU Memory	3504.0 MHz	3504.0 MHz
GPU Shader	3062.0 MHz	3062.0 MHz
Temperatures		
GPU Core	0.0 °C	69.0 °C
Load		
GPU Core	0.0 %	2.0 %
GPU Frame Buffer	0.0 %	0.0 %
GPU Video Engine	0.0 %	0.0 %
GPU Bus Interface	0.0 %	1.0 %
GPU Memory	3.9 %	3.9 %

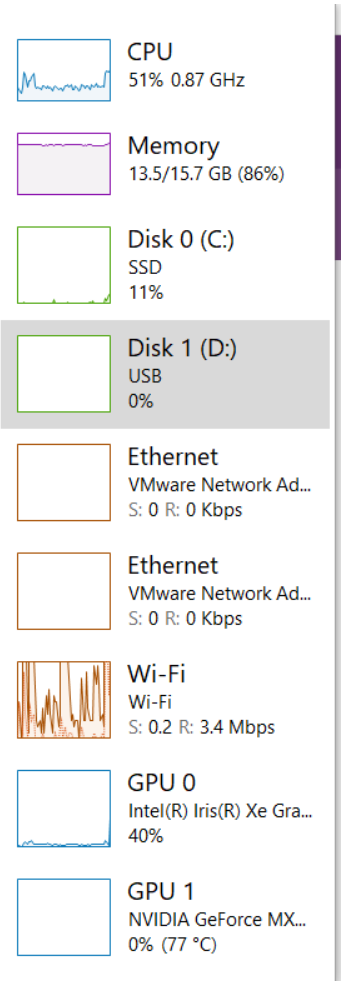
How to speed up your Intel processor using Registry Keys

In my example I have a laptop “Dell Vostro 5502” with processor “11th Gen Intel® Core™ i7-1165G7 @ 2.80GHz” working on up to 4.7 GHz where it is for some reason set to work on up to 1.69 GHz with a possible boost up to 2.7 GHz and later on 4.1 GHz (because for some reason Windows doesn’t allow the full usage of the CPU)…

In Task Manager you will find this description about the processor:

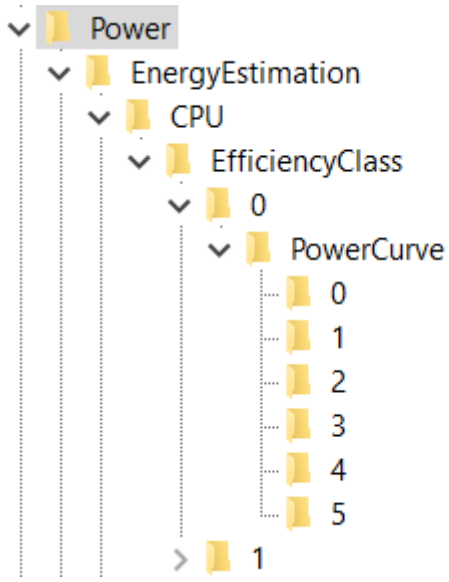
Base speed:	1.69 GHz
Sockets:	1
Cores:	4
Logical processors:	8
Virtualization:	Enabled
L1 cache:	320 KB
L2 cache:	5.0 MB
L3 cache:	12.0 MB

First thing that I was asking is the 2 given options in the Registry Keys for “EfficiencyClass” when I can have 3 if processor is locked on 1.69… The other thing to consider here is enabled energy saver locking that processor on 1.69 GHz, and not on 2.7 GHz… That energy saver with Windows given options shall make this Intel CPU to work on 0.87 GHz and even slower on about 0.4 GHz when the greater CPU consumption and usage comes in place…



First of all to avoid that we need to fix some Registry values and settings:

- "Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power"

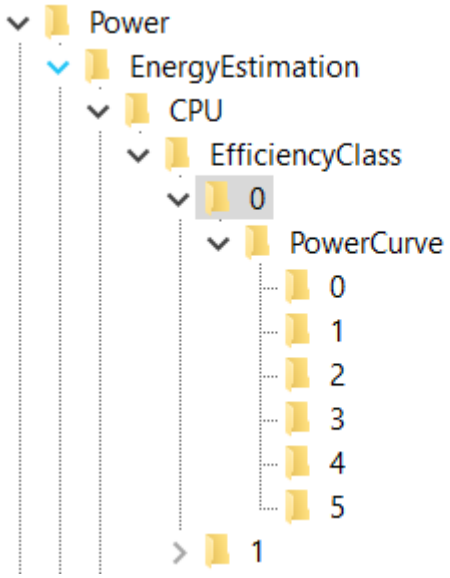


Here I would pay attention what does EnergyEstimationEnabled option… Leave it turned on, because, by some thinking – under the folder EnergyEstimation , but that is my choice…

Name	Type	Data
(Default)	REG_SZ	(value not set)
Class1InitialUnparkCount	REG_DWORD	0x00000040 (64)
CustomizeDuringSetup	REG_DWORD	0x00000001 (1)
EnableInputSuppression	REG_DWORD	0xf2d4a2da (4074021594)
EnergyEstimationEnabled	REG_DWORD	0xfadfdafd (4208974589)
EnergySaverState	REG_DWORD	0x00000002 (2)
EventProcessorEnabled	REG_DWORD	0xfdfadfda (4261076954)
HiberFileSizePercent	REG_DWORD	0x00000064 (100)
HibernateEnabledDefault	REG_DWORD	0x00000001 (1)
IgnoreCsComplianceCheck	REG_DWORD	0x00000001 (1)
LidReliabilityState	REG_DWORD	0x00000001 (1)
MfBufferingThreshold	REG_DWORD	0x00000000 (0)
PerfCalculateActualUtilization	REG_DWORD	0x00000001 (1)
SourceSettingsVersion	REG_DWORD	0x00000003 (3)
TimerRebaseThresholdOnDri...	REG_DWORD	0x0000003c (60)

EfficiencyClasses

- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\EnergyEstimation\CPU\EfficiencyClass\0

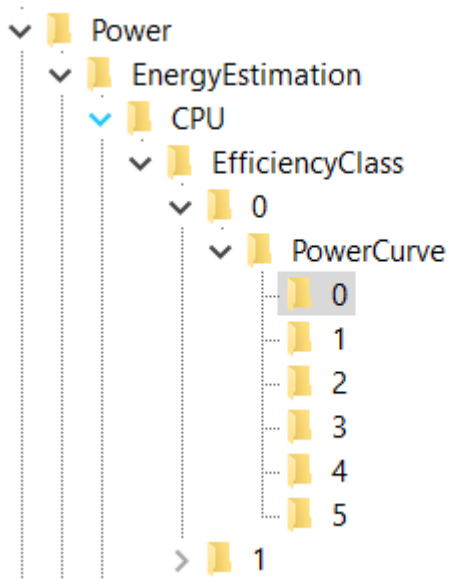


Name	Type	Data
(Default)	REG_SZ	(value not set)
PowerEnvelope	REG_DWORD	0x00001200 (4608)

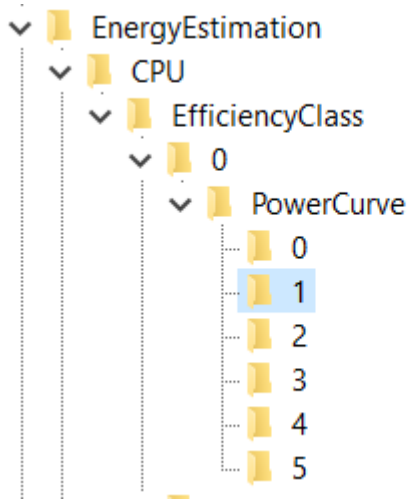
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\EnergyEstimation\CPU\EfficiencyClass\0\PowerCurve\0

Explanation for the values: FrequencyPercent is represented in decimals as a percentage, and PowerEnvelope is represented in HexaDecimal values but through the Decimal values – so for example if you type in the Decimal value “1000” you should see it as is written in HexaDecimal values, which translated gives us 4.096 GHz… You should notice one interesting thing that you can’t type in all of the Frequencies for the processor because in hexadecimal values you can write and letters A – F, so for example “A99” would be 2.713 GHz, and here you can write only numbers which means either you would need to agree to processor speed of (in Hexadecimal values) “999” or “1000”, which is translated: 2.457 GHz (for “999”) or 4.096 GHz (for “1000)…

So my setting is:



Name	Type	Data
(Default)	REG_SZ	(value not set)
FrequencyPercent	REG_DWORD	0x00000050 (80)
PowerEnvelope	REG_DWORD	0x000004b0 (1200)



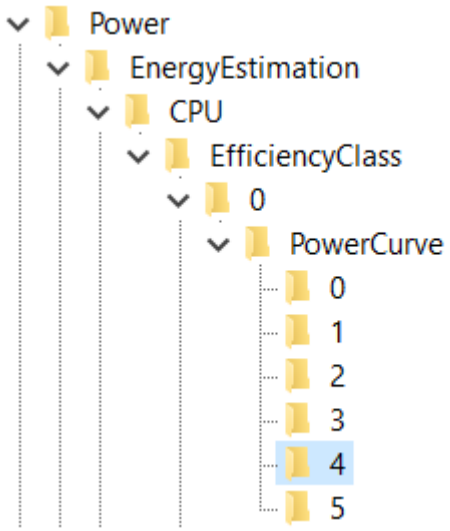
Name	Type	Data
(Default)	REG_SZ	(value not set)
FrequencyPercent	REG_DWORD	0x00000053 (83)
PowerEnvelope	REG_DWORD	0x000004b0 (1200)

- Power
  - EnergyEstimation
    - CPU
      - EfficiencyClass
        - 0
          - PowerCurve
            - 0
            - 1
            - 2
            - 3
            - 4
            - 5

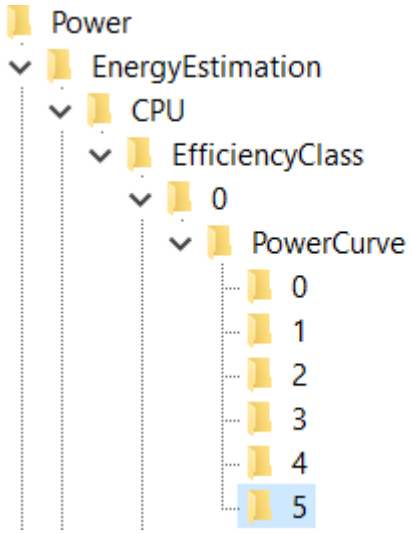
Name	Type	Data
(Default)	REG_SZ	(value not set)
FrequencyPercent	REG_DWORD	0x00000055 (85)
PowerEnvelope	REG_DWORD	0x000004b0 (1200)

- Power
  - EnergyEstimation
    - CPU
      - EfficiencyClass
        - 0
          - PowerCurve
            - 0
            - 1
            - 2
            - 3
            - 4
            - 5

Name	Type	Data
(Default)	REG_SZ	(value not set)
FrequencyPercent	REG_DWORD	0x0000005a (90)
PowerEnvelope	REG_DWORD	0x000004b0 (1200)

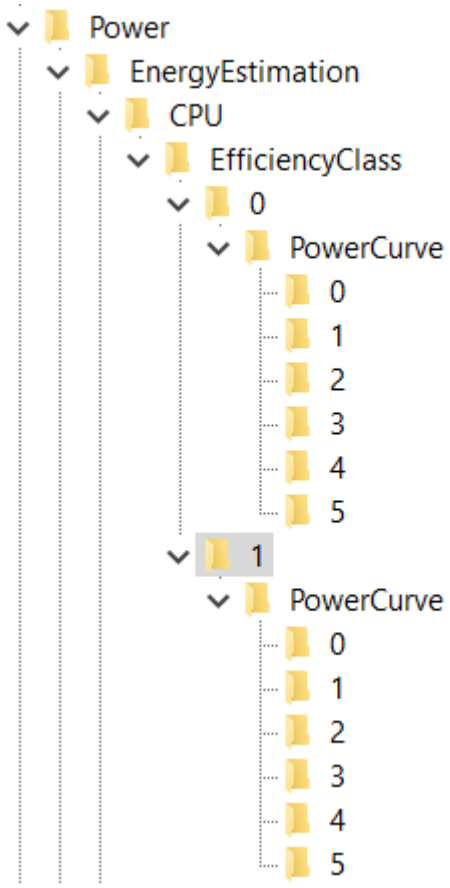


Name	Type	Data
(Default)	REG_SZ	(value not set)
FrequencyPercent	REG_DWORD	0x0000005f (95)
PowerEnvelope	REG_DWORD	0x000004b0 (1200)

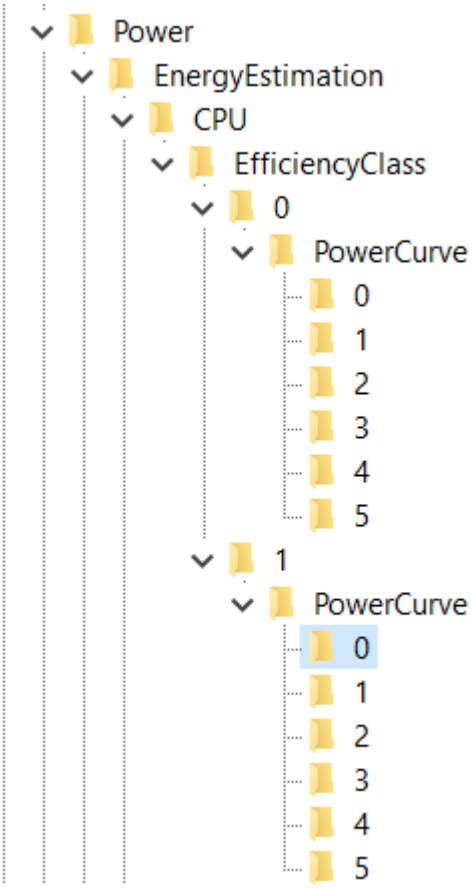


Name	Type	Data
(Default)	REG_SZ	(value not set)
FrequencyPercent	REG_DWORD	0x00000064 (100)
PowerEnvelope	REG_DWORD	0x000004b0 (1200)

- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\EnergyEstimation\CPU\EfficiencyClass\1



Name	Type	Data
(Default)	REG_SZ	(value not set)
PowerEnvelope	REG_DWORD	0x00001200 (4608)



One solution I created for myself – I have retyped all values from the EfficiencyClass “0” into “1”…

Other unnecessary solution is something like this:

Name	Type	Data
(Default)	REG_SZ	(value not set)
FrequencyPercent	REG_DWORD	0x00000041 (65)
PowerEnvelope	REG_DWORD	0x000004b0 (1200)

- 1
  - PowerCurve
    - 0
    - 1
    - 2
    - 3
    - 4
    - 5

Name	Type	Data
(Default)	REG_SZ	(value not set)
FrequencyPercent	REG_DWORD	0x00000046 (70)
PowerEnvelope	REG_DWORD	0x000004b0 (1200)

- 1
  - PowerCurve
    - 0
    - 1
    - 2
    - 3
    - 4
    - 5

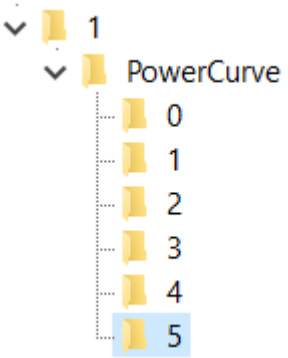
Name	Type	Data
(Default)	REG_SZ	(value not set)
FrequencyPercent	REG_DWORD	0x00000055 (85)
PowerEnvelope	REG_DWORD	0x000003e7 (999)

- 1
  - PowerCurve
    - 0
    - 1
    - 2
    - 3
    - 4
    - 5

Name	Type	Data
(Default)	REG_SZ	(value not set)
FrequencyPercent	REG_DWORD	0x0000005a (90)
PowerEnvelope	REG_DWORD	0x000004b0 (1200)

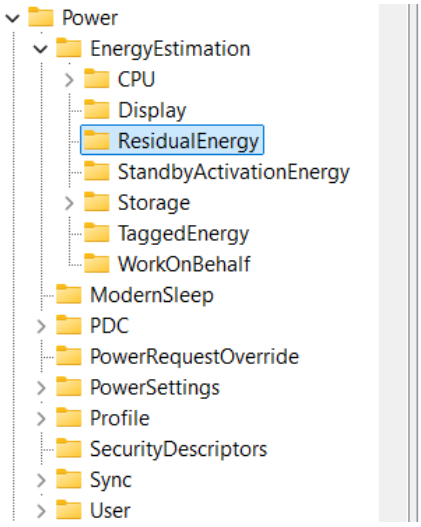
- 1
  - PowerCurve
    - 0
    - 1
    - 2
    - 3
    - 4
    - 5

Name	Type	Data
(Default)	REG_SZ	(value not set)
FrequencyPercent	REG_DWORD	0x0000005f (95)
PowerEnvelope	REG_DWORD	0x000004b0 (1200)



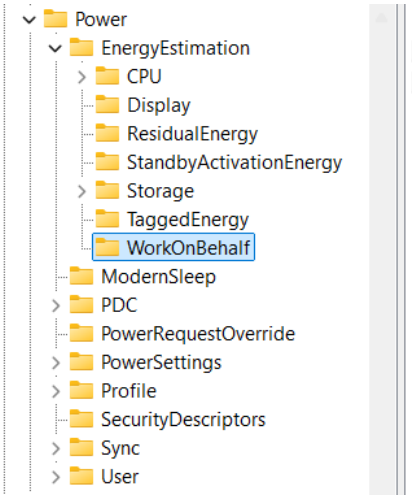
Name	Type	Data
(Default)	REG_SZ	(value not set)
FrequencyPercent	REG_DWORD	0x00000064 (100)
PowerEnvelope	REG_DWORD	0x000004b0 (1200)

Residual energy



Name	Type	Data
(Default)	REG_SZ	(value not set)
EnableInlineAccounting	REG_DWORD	0x2a4cfdef (709688815)

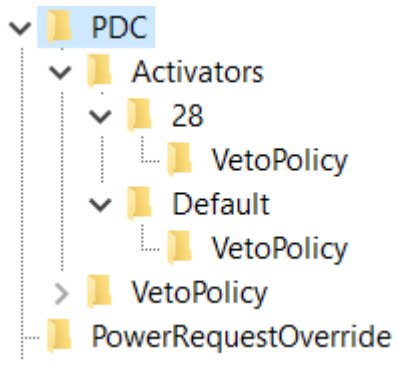
WorkOnBehalf



Name	Type	Data
(Default)	REG_SZ	(value not set)
DisableWorkOnBehalfAttribution	REG_DWORD	0xfaaddfaf (4205698991)

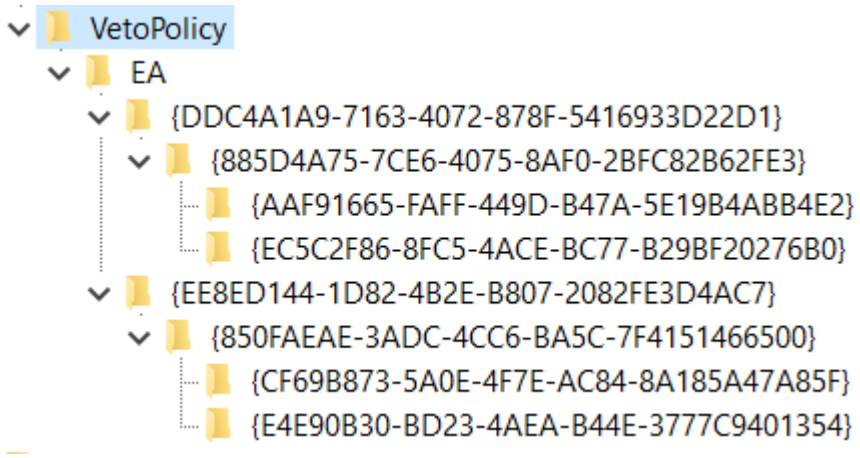
VetoPolicies

- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PDC



Laptop works faster if VetoPolicy options are turned off…

- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PDC\Activators\28\VetoPolicy
    - EA:PowerStateDischarging: ffff ffff
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PDC\Activators\Default\VetoPolicy
    - EA:EnergySaverEngaged: ffff ffff



I am not sure if these values represent the maximum speed of the processor but I have placed them all on maximum for my processor:

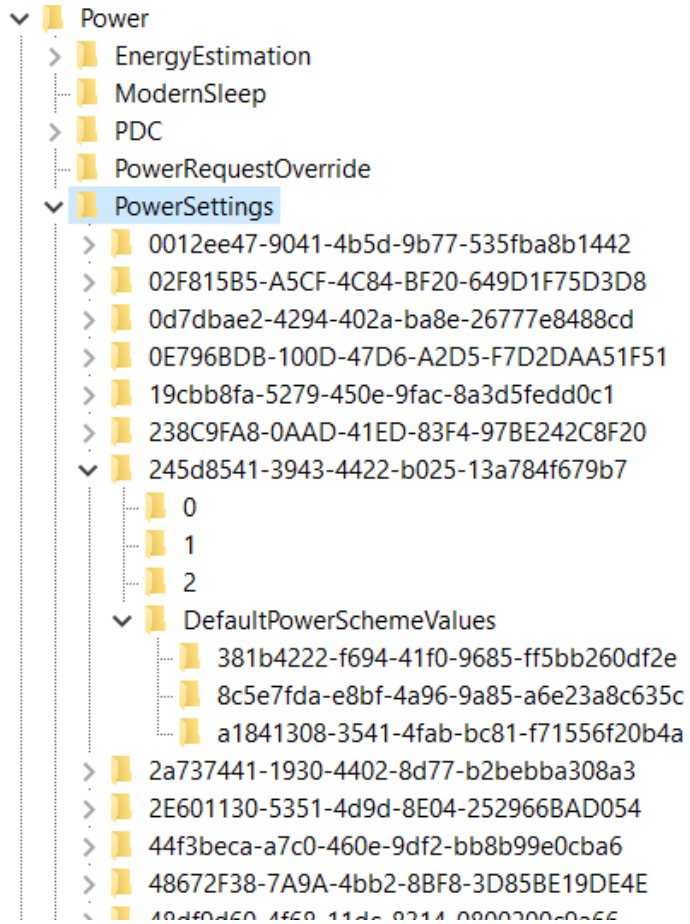
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PDC\VetoPolicy\EA\{DDC4A1A9-7163-4072-878F-5416933D22D1}\{885D4A75-7CE6-4075-8AF0-2BFC82B62FE3}\{AAF91665-FAFF-449D-B47A-5E19B4ABB4E2}
    - Type 4121 -> 4700

- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PDC\VetoPolicy\EA\{DDC4A1A9-7163-4072-878F-5416933D22D1}\{885D4A75-7CE6-4075-8AF0-2BFC82B62FE3}\{EC5C2F86-8FC5-4ACE-BC77-B29BF20276B0}
    - Type 4106 -> 4700
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PDC\VetoPolicy\EA\{EE8ED144-1D82-4B2E-B807-2082FE3D4AC7}\{850FAEAE-3ADC-4CC6-BA5C-7F4151466500}\{CF69B873-5A0E-4F7E-AC84-8A185A47A85F}
    - Type 4106 -> 4700
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PDC\VetoPolicy\EA\{EE8ED144-1D82-4B2E-B807-2082FE3D4AC7}\{850FAEAE-3ADC-4CC6-BA5C-7F4151466500}\{E4E90B30-BD23-4AEA-B44E-3777C9401354}
    - Type 4145 -> 4700

You will notice that those folders – "keys" there is a value that has a DWORD named "Value" and that it is turned off, I have placed it to 0…

PowerSettings

- "Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings"



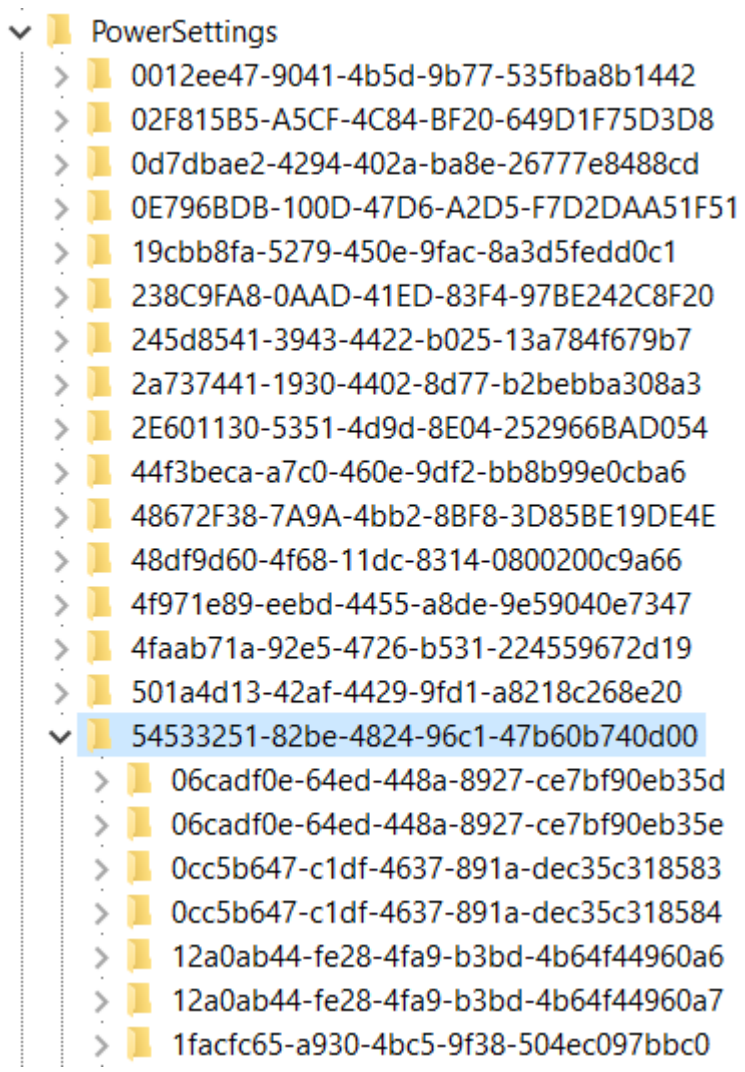
Talking about PowerSettings you need to turn High Performance on, set graphics to work in High performance mode, to set CPU to work by High Performance if you wish on all 3 levels (3 different keys under “DefaultPowerSchemeValues” folder) – because it is unknown in Registry Editor which level is for “Best Battery Life” setting, which is “Balanced” setting, and which is for “Best (High) performance” setting… What I can conclude, for my processor and type of Windows that I have – key: “8c5e7fda-e8bf-4a96-9a85-a6e23a8c635c” represents the “High performance” mode and mostly from that key I have been copying to other two keys it’s own already set values… Some keys I have changed completely, adjusting values how I liked…

How this part of the registry works? First you will have a “key” (folder) where you will find options that you can implement under “keys” (folders) 0, 1, 2 and you will have a folder where you can implement those options named: “DefaultPowerSchemeValues”… In those folders you can find the description and a “friendly name” (also a type of a description) of the current part of the Registry Keys… Each of the main folders named for example: “0”, “1” or “2” will have some type of a value that you can use later on… That value you will find under a DWORD (data) name “SettingValue”… The best setting whether it’s under folder “0”, “1” or “2” you can copy into the “AcSettingIndex” or “DcSettingIndex”, or “ProvAcSettingIndex” or “ProvDcSettingIndex”…

In cases where you don’t have options under keys (folders) “0”, “1”, “2”, you will have some type of a scale that you can implement… Maximum value of the scale you can find under the main folder and it’s DWORD named “ValueMax” and it’s possible minimum under a DWORD named “ValueMin”… Always take a look at: DWORD named ValueUnits that will have a description for example: “@%SystemRoot%\system32\powrprof.dll,-81,percent” – there the last word we can find is the word “percent” meaning you should implement in decimal numbers value from 0 to 100 representing some kind of a percentage of a usage for some of the situations…

Some of the settings that I have implemented are:

- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00



Under power settings you will find the key: “54533251-82be-4824-96c1-47b60b740d00” with “Processor power settings” and you need to see each of the keys (folders) it has and to adjust them except time settings which I haven’t changed…

Processor performance increase threshold

- “Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\06cadf0e-64ed-448a-8927-ce7bf90eb35d”
- Value different 30, 60, 90

Processor performance increase threshold for Processor Power Efficiency Class 1

- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\06cadf0e-64ed-448a-8927-ce7bf90eb35e
- 60 – 90

Specify the minimum number of unparked cores/packages allowed

- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\0cc5b647-c1df-4637-891a-dec35c318583
    - Description: Specify the minimum number of unparked cores/packages allowed (in percentage).
    - Setting implemented: 64 (100)

Specify the minimum number of unparked cores/packages allowed

- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\1facfc65-a930-4bc5-9f38-504ec097bbc0
    - Description: Specify the minimum number of unparked cores/packages allowed (in percentage).
    - Setting implemented: 64 (100) – 10

Processor performance core parking min cores for Processor Power Efficiency Class 1

- "Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\0cc5b647-c1df-4637-891a-dec35c318584"
- 0

Processor performance decrease threshold

- Specify the lower busy threshold that must be met before decreasing the processor's performance state (in percentage).
- "Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\12a0ab44-fe28-4fa9-b3bd-4b64f44960a6"
- 20 – 10 – 60 – 10

Processor performance decrease threshold for Processor Power Efficiency Class 1

- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\12a0ab44-fe28-4fa9-b3bd-4b64f44960a7
- 20 – 30

Hybrid containment zone important utility percentage

- “Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\12fd031f-53d2-4bf4-ac6d-c699fc9538c7”
- Specify the important utility percentage that once met, allow workload to move to no containment zone
- 0

Processor Restriction Count

- “Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\1a98ad09-af22-42ca-8e61-f0a5802c270a”
- Specify the restriction processor count for this QoS of threads.
- 0

Initial performance for Processor Power Efficiency Class 1 when unparked

- “Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\1facfc65-a930-4bc5-9f38-504ec097bbc0”
- 32 (50)

Processor performance core parking concurrency threshold

- “Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\2430ab6f-a520-44a2-9601-f7f23b5134b1”
- 61 (97), 61, 5f

Processor performance core parking increase time

- “Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\2ddd5a84-5a71-437e-912a-db0b8c788732”
- In time check intervals
- Same as before: 3, 7, 1

Processor energy performance preference policy

- “Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\36687f9e-e3a5-4dbf-b1dc-15eb381c6863”
- (33), (50) / 0, 0 / (70) / (60) / (25), (33)

Processor energy performance preference policy for Processor Power Efficiency Class 1

- "Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\36687f9e-e3a5-4dbf-b1dc-15eb381c6864\DefaultPowerSchemeValues\381b4222-f694-41f0-9685-ff5bb260df2e"
- (33), (50) / (0), (0) / (60), (60)

Processor energy performance preference policy for Processor Power Efficiency Class 2

- "Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\36687f9e-e3a5-4dbf-b1dc-15eb381c6864"
- (33), (50), (60)

Allow Throttle States

- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\3b04d4fd-1cc7-4f23-ab1c-d1337819c4bb
    - FriendlyName: Allow Throttle States
    - Setting implemented: 0 – Off

Processor performance increase time for Processor Power Efficiency Class 1

- "Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\4009efa7-e72d-4cba-9edf-91084ea8cbc3"
- 1

Processor performance decrease policy

- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\40fbefc7-2e9d-4d25-a185-0cfd8574bac6
    - FriendlyName: Processor performance decrease policy
    - Setting implemented: Single
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\40fbefc7-2e9d-4d25-a185-0cfd8574bac7
    - FriendlyName: Processor performance decrease policy for Processor Power Efficiency Class 1
    - Setting implemented: Single

- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\447235c7-6a8d-4cc0-8e24-9eaf70b96e2b
    - Processor performance core parking parked performance state
    - Best option for the speed of processor: Lightest Performance State
    - My setting implemented: No preference
    - Some theory on that topic: Unused CPUs enter parked state and not to spend energy they can enter Deepest Performance state to save power and reduce the heat… Otherwise faster option is “Lightest Performance state”…
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\45bcc044-d885-43e2-8605-ee0ec6e96b59
    - FriendlyName: Processor performance boost policy
    - All Settings implemented: 0x64 (or Decimal: 100 (%))
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\465e1f50-b610-473a-ab58-00d1077dc418
    - FriendlyName: Processor performance increase policy
    - Setting implemented: Rocket
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\4e4450b3-6179-4e91-b8f1-5bb9938f81a1
    - FriendlyName: Processor duty cycling
    - Setting implemented: Allow processor duty cycling.
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\5d76a2ca-e8c0-402f-a133-2158492d58ad
    - Description: Specify if idle states should be disabled.
    - Setting implemented: Enable idle
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\6c2993b0-8f48-481f-bcc6-00dd2742aa06
    - FriendlyName: Processor idle threshold scaling
    - Setting implemented: Disable scaling
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\71021b41-c749-4d21-be74-a00f335d582b
    - Description: Specify the number of cores/packages to park when fewer cores are required.
    - Setting implemented: Ideal number of cores

- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\75b0ae3f-bce0-45a7-8c89-c9611c25e100
    - FriendlyName: Maximum processor frequency
    - Setting implemented: Decimal value: 4700
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\75b0ae3f-bce0-45a7-8c89-c9611c25e101
    - FriendlyName: Maximum processor frequency for Processor Power Efficiency Class 1
    - Setting implemented: Decimal value: 2457
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\7f2f5cfa-f10c-4823-b5e1-e93ae85f46b5
    - FriendlyName: Heterogeneous policy in effect.
    - Setting implemented: Use heterogeneous policy 0

Don't forget to check options for Graphic card:

- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\5FB4938D-1EE8-4b0f-9A3C-5036B0AB995C
    - FriendlyName: GPU preference policy
    - Setting implemented: No preference (because other setting I had was: Low Power)

Check Energy Saving settings:

- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\DE830923-A562-41AF-A086-E3A2C6BAD2DA
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\DE830923-A562-41AF-A086-E3A2C6BAD2DA\5C5BB349-AD29-4ee2-9D0B-2B25270F7A81
    - FriendlyName: Energy Saver Policy
    - Setting implemented: User

Also, you can go back to processor settings and find the "Processor performance increase threshold" and "Processor performance decrease threshold" options, as I know I have changed some of the percentages, for example from 35 to 20 if is faster and from 45 to 50, but maybe I have pushed it above the edge or below the edge (I am not even sure)… Maybe those settings are fine by themselves…

My options there are in decimal values:

- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\7b224883-b3cc-4d79-819f-8374152cbe7c
    - FriendlyName: Processor idle promote threshold
    - Setting implemented: 14 (20)
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\943c8cb6-6f93-4227-ad87-e9a3feec08d1
    - FriendlyName: Processor performance core parking over utilization threshold
    - Setting implemented: 1e (30)
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\06cadf0e-64ed-448a-8927-ce7bf90eb35d
    - FriendlyName: Processor performance increase threshold
    - Setting implemented: 0 (0)
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\06cadf0e-64ed-448a-8927-ce7bf90eb35e
    - FriendlyName: Processor performance increase threshold for Processor Power Efficiency Class 1
    - Setting implemented: 0 (0)
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\12a0ab44-fe28-4fa9-b3bd-4b64f44960a6
    - FriendlyName: Processor performance decrease threshold
    - Description: Specify the lower busy threshold that must be met before decreasing the processor's performance state (in percentage).
    - Setting implemented: 64 (100)
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\12a0ab44-fe28-4fa9-b3bd-4b64f44960a7
    - FriendlyName: Processor performance decrease threshold
    - Description: Specify the lower busy threshold that must be met before decreasing the processor's performance state (in percentage).
    - Setting implemented: 64 (100)

There is also a setting for “Processor performance boost mode”:

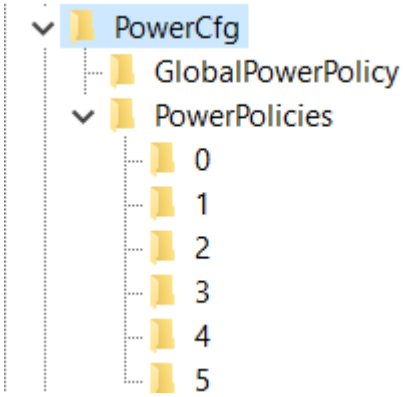
- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\be337238-0d82-4146-a960-4f3749d470c7
    - Setting implemented: 5

Set System cooling policy:

- Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\Power\PowerSettings\54533251-82be-4824-96c1-47b60b740d00\94D3A615-A899-4AC5-AE2B-E4D8F634367F\1
    - Setting implemented: Increase fan speed before slowing the processor

Edit the option for Minimal Power Management:

- Computer\HKEY_CURRENT_USER\Control Panel\PowerCfg



Here, on my Windows, under a number 4 is:

Name	Type	Data
(Default)	RE...	(value not set)
Description	RE...	This scheme keeps the computer on and optimizes it for high performance.
Name	RE...	Minimal Power Management
Policies	RE...	01 00 00 00 02 00 00 00 01 00 00 00 00 00 00 00 02 00 00 00 00 00 00 00 00 00 00 00

So just set in the PowerCfg string CurrentPowerPolicy: 4

Graphic cards

This Laptop “Dell Vostro 5502” has also dual graphics cards - integrated “Intel® Iris® Xe Graphics” and “NVIDIA GeForce MX330”… It has 16GB of RAM memory, and 500 GB SSD hard drive…

There is a topic of a small and reducing processor speed thanks to the small “Bus” (an implemented cable for transferring the data in between the graphic card and the other chips), and that because of it (maybe set on 1.3 GHz) and the processor reduces it’s speed…

HardwareAcceleration

In Registry Editor add the keys into:

- Computer\HKEY_CURRENT_USER\SOFTWARE\Microsoft\Avalon.Graphic

\Avalon.Graphics

Name	Type	Data
(Default)	REG_SZ	(value not set)
HWDowngrade	REG_DWORD	0x00002800 (10240)
HWUpgrade	REG_DWORD	0x00004800 (18432)

I believe that the next solution makes no point:

Name	Type	Data
(Default)	REG_SZ	(value not set)
DisableHWAcceleration	REG_DWORD	0xffffffff (4294967295)
EnableHWAcceleration	REG_DWORD	0xffff24ac (4294911148)

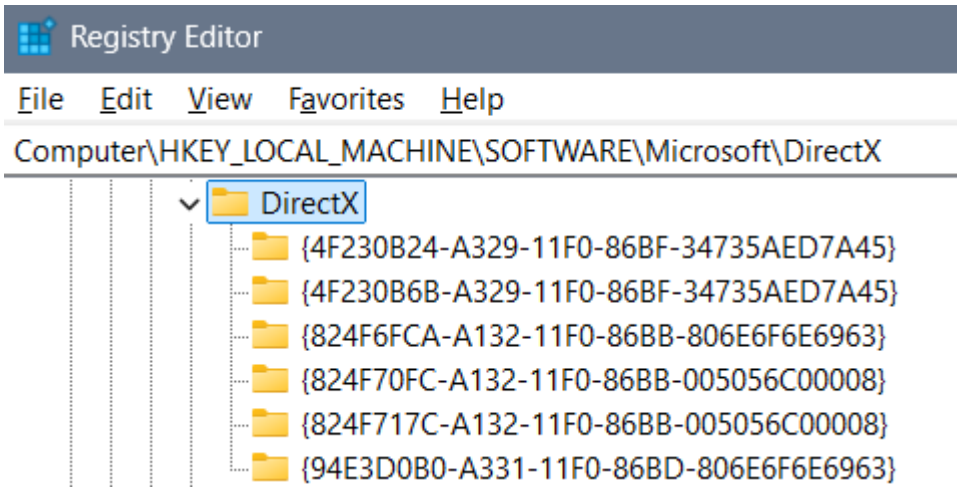
- Create REG_DWORD named DisableHWAcceleration and set it to the value: ffffffff
- Create REG_DWORD named EnableHWAcceleration and set it to the value: ffff24ac, maybe wrong answers are: ffff2a4c, cbed2a4c, fadefa9c – but those codes we can use if we find the setting on our chips complex which we can find the association when we look at the title: Avalon.Graphics
- Maybe 2a4cd2da – last “a” is there maximum of 2GHz…
- Maybe 4a7cd4df – last “f” is there because of as much as it can of 4GHz…

DirectX

Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\DirectX

Edit "MaxFeatureLevel", "MinFeatureLevels", "D3D12MinFeatureLevel" and "D3D12MaxFeatureLevel"

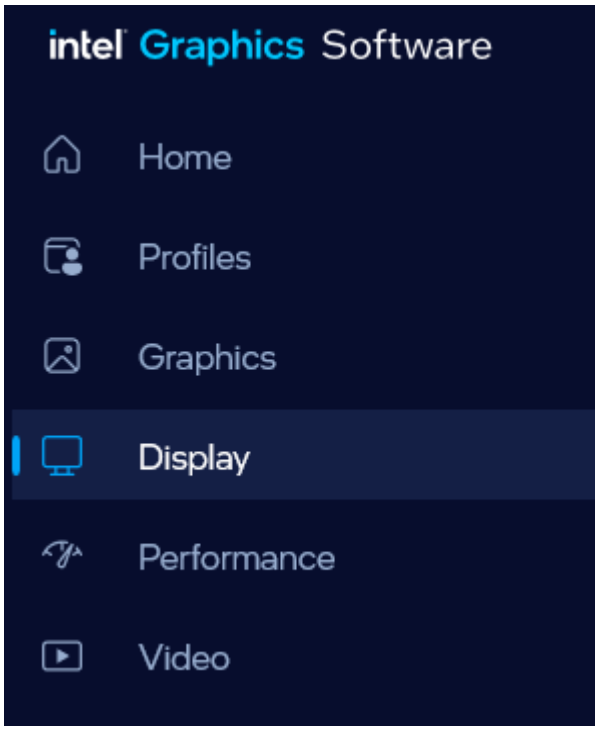
- MaxFeatureLevel: "fadbcfdf"
  - MaxFeatureLevel possible options are:
    - C100
    - c256
    - F256
    - Fadcb
    - "Fadbcdef"
    - "fadbcfdf"
- D3D12MinFeatureLevel: f1000
  - Possible options are:
    - 0 (to see retardedness)
    - F (to see regular even if it isn't)
    - 15, 20, 25, 30, 35, …, 100
    - f10
    - f11, f12, f13, f14, f15
    - f100, f110, f120, f130, f140, f150
    - f1000

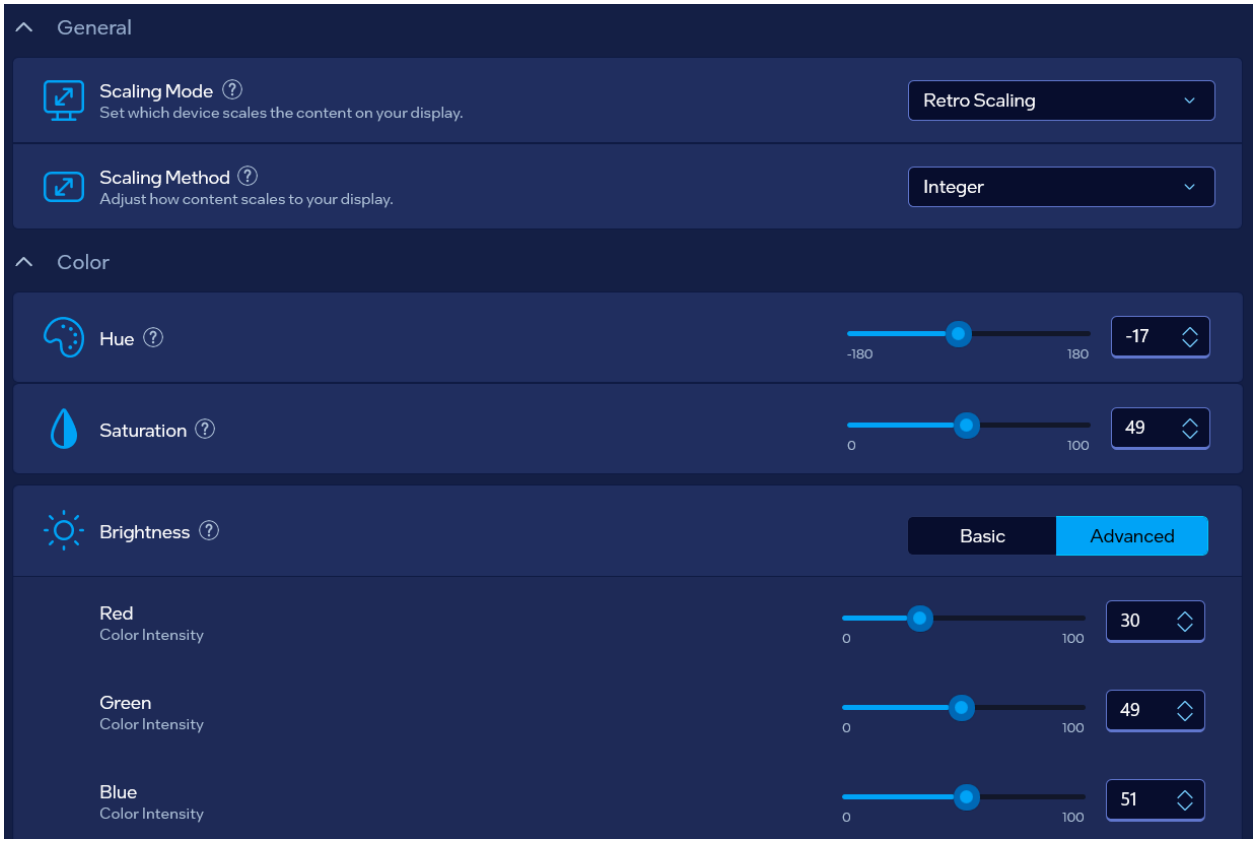


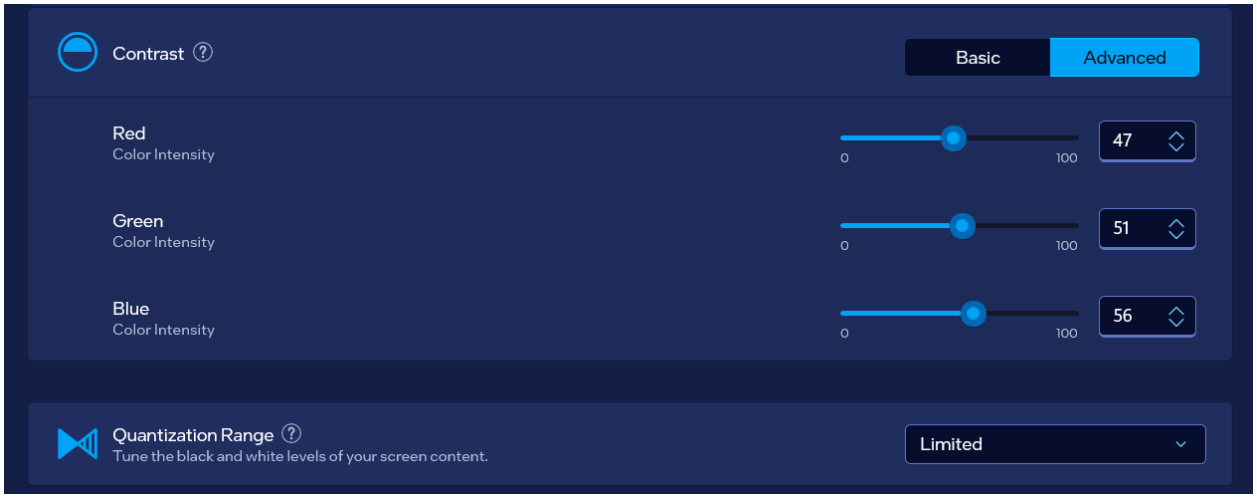
Name	Type	Data
(Default)	REG_DWORD	0x00000001 (1)
D3D12MaxFeatureLevel	REG_DWORD	0xfadbcdef (4208709103)
D3D12MinFeatureLevel	REG_DWORD	0x00000000 (0)
DxDbOOBESkipHresult	REG_DWORD	0x00000000 (0)
DxDbUninstallFodReason	REG_DWORD	0x00000001 (1)
DxDbUninstallFodTimestamp	REG_SZ	UTC.2025-06-01.00:44:53
DxDbVersion	REG_SZ	1.7.6
HybridDeviceApplicableFor...	REG_DWORD	0x00000001 (1)
HybridRegkeyWriteTimesta...	REG_SZ	UTC.2025-06-01.00:24:13
InstalledVersion	REG_BINARY	00 00 00 09 00 00 00 00
LastOOBESkipTimestamp	REG_SZ	UTC.2025-10-07.03:03:42
LastSeen	REG_QWORD	0x1dc52570b51dddd (134072622719819229)
LastUpdaterCallbackHresult	REG_DWORD	0x00000000 (0)
LastUpdaterCallbackTimesta...	REG_SZ	UTC.2025-10-17.13:59:30
LastUpdaterStartHresult	REG_DWORD	0x00000000 (0)
LastUpdaterStartTimestamp	REG_SZ	UTC.2025-10-17.13:59:03
MaxDedicatedVideoMemory	REG_QWORD	0x7b06f000 (2064052224)
MaxFeatureLevel	REG_DWORD	0xfadbcdef (4208709103)
MinFeatureLevel	REG_DWORD	0x00000000 (0)
Version	REG_SZ	4.09.00.0904

Name	Type	Data
(Default)	REG_SZ	(value not set)
AdapterLuid	REG_QWORD	0x00013670 (79472)
AdapterType	REG_DWORD	0x0000232b (9003)
DedicatedSystemMemory	REG_QWORD	0x00000000 (0)
DedicatedVideoMemory	REG_QWORD	0x08000000 (134217728)
Description	REG_SZ	Intel(R) Iris(R) Xe Graphics
DeviceId	REG_DWORD	0x00009a49 (39497)
DriverVersion	REG_QWORD	0x1f0000006514d5 (8725724284654805)
LastSeen	REG_QWORD	0x1dc52570b51dddd (134072622719819229)
MaxD3D11FeatureLevel	REG_DWORD	0xfadbcdef (4208709103)
MaxD3D12FeatureLevel	REG_DWORD	0x000fadcb (1027531)
SharedSystemMemory	REG_QWORD	0x1f7565000 (8444596224)
UMDVersion	REG_QWORD	0x1f0000006514d5 (8725724284654805)
VendorId	REG_DWORD	0x00008086 (32902)

Intel Graphics Software

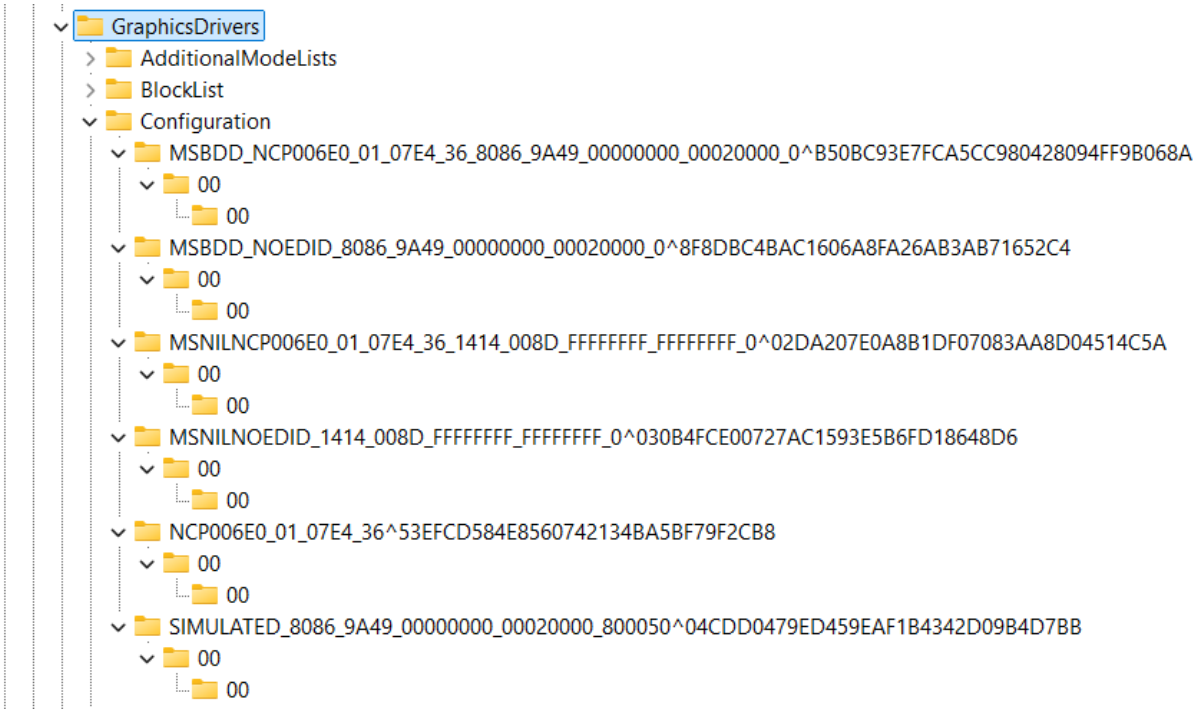





Contrast
Basic
Advanced
Red
Color Intensity
0
100
47
Green
Color Intensity
0
100
51
Blue
Color Intensity
0
100
56
Quantization Range
Tune the black and white levels of your screen content.
Limited

“GraphicDrivers” Key

Go to: “Computer\HKEY_LOCAL_MACHINE\SYSTEM\ControlSet001\Control\GraphicsDrivers”

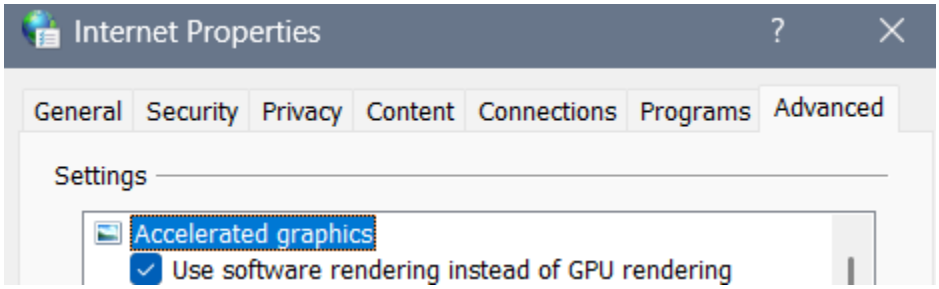


You should change in all of the “Configuration” keys files named “00”, and eventually main ones where you find PixelRate, PixelFormat and ColorBasis…

- PixelFormat best setting is “acfedbce”, other settings are:
  - “fe17”
  - “fe27”
  - “acfedbce”
- ColorBasis best setting is “fedbcadf”, other settings are:
  - “3”
  - “fe17”
  - “fedbcadf”
- PixelRate best setting is “fadcbdaf”, other settings are:
  - “fffffffe”
  - “ffffffff”
  - “69c3320”
  - “84157a0”
  - “19275801”
  - “97216543”
  - “fadcbdaf”

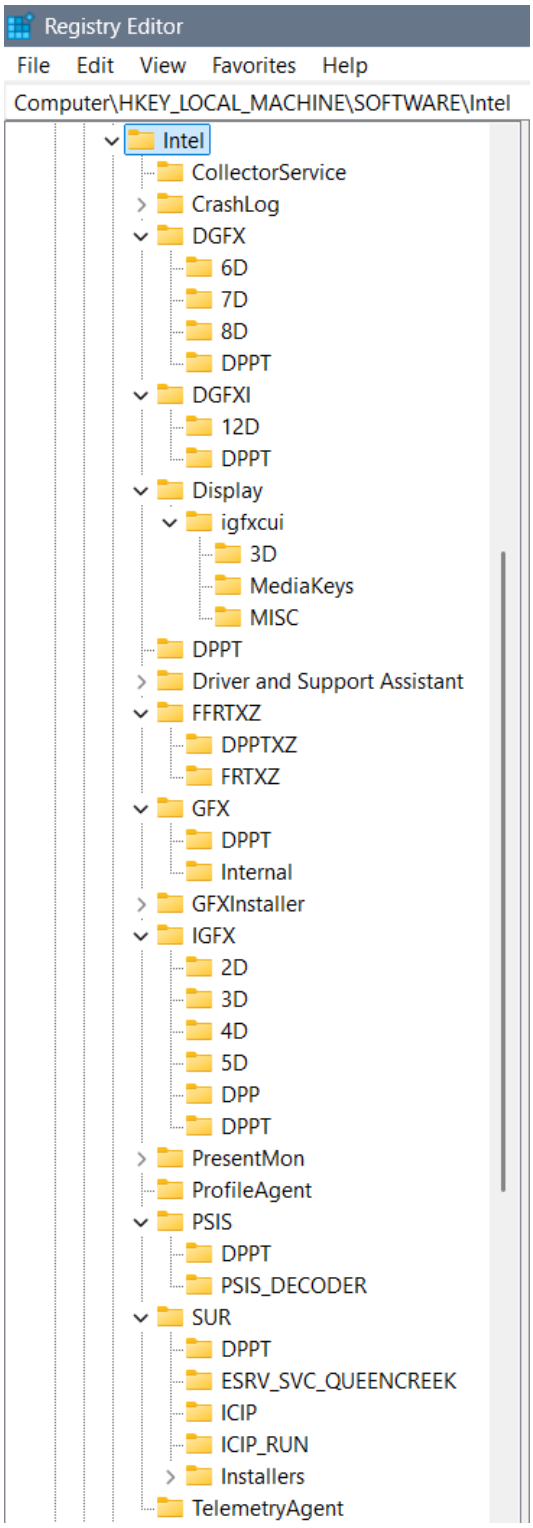
inetcpl.cpl

- Press Win+R to open “Run” program and then type: “inetcpl.cpl” and press enter
- Go to advanced



Intel graphics settings:

“HKEY_LOCAL_MACHINE\SOFTWARE\Intel”



Under a key: “Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Intel” you should in the end have the next keys:

- DGFX
  - 6D
  - 7D
  - 8D
  - DPPT
- DGFXI
  - 12D
  - DPPT
- DPPT
- FFRTZ
  - DPPTXZ
  - FRTXZ
- GFX
  - DPPT
- IGFX
  - 2D
  - 3D
  - 4D
  - 5D
  - DPP
  - DPPT
- PSIS
  - DPPT
- SUR
  - DPPT
- DRGFXZ
  - MISC
  - DPPTXZ

Notice that under the Key “IGFX” there is a Key “DPP”, you should rename it to “DPPT”…

Under below you will find the images of the files with codes you need to open and fill into Registry Editor.

When you find a “REG_DWORD” file named: “EnableHardware3DLUT” you should rename it to the “EnableHardwareDLUT”.

DGFX

- Intel
  - CollectorService
  - CrashLog
  - DGFX
    - 6D
    - 7D
    - 8D
    - DPPT

Name	Type	Data
(Default)	REG_SZ	(value not set)
Azellera	REG_DWORD	0x22346789 (573859721)
Konzolera	REG_DWORD	0x22345678 (573855352)
PrebuiltShaderBinaryDirPath	REG_SZ	C:\Program Files\Intel\PrebuiltShaderBinaries

- Intel
  - CollectorService
  - CrashLog
  - DGFX
    - 6D
    - 7D
    - 8D
    - DPPT

Name	Type	Data
(Default)	REG_SZ	(value not set)
Fabryzzya	REG_DWORD	0x97560123 (2538996003)
PrebuiltShaderBinaryDirPath	REG_SZ	C:\Program Files\Intel\PrebuiltShaderBinaries

- Intel
  - CollectorService
  - CrashLog
  - DGFX
    - 6D
    - 7D
    - 8D
    - DPPT

Name	Type	Data
(Default)	REG_SZ	(value not set)
Deferecce	REG_DWORD	0xc2d2acdf (3268586719)
Ferecce	REG_DWORD	0xb2d2dcaf (3000163503)
PrebuiltShaderBinaryDirPath	REG_SZ	C:\Program Files\Intel\PrebuiltShaderBinaries

- DGFX
  - 8D
  - DPPT
- DGFXI
  - 12D
  - DPPT
- Display

Name	Type	Data
(Default)	REG_SZ	(value not set)
DisableDPPTemporarily	REG_BINARY	f2 02 a3 4c 2d 58 2d dd dd dd ee ee ee ee ff ff ff ff ff ff ff ff
EnableHardwareDLUT	REG_DWORD	0xf28245cd (4068623821)
Global	REG_BINARY	60 e8 bb 61 47 02 00 00 50 01 b3 61 47 02 00 00
GlobalN	REG_BINARY	60 e8 bb 61 47 02 00 00 50 01 b3 61 47 02 00 00

Edit Binary Value

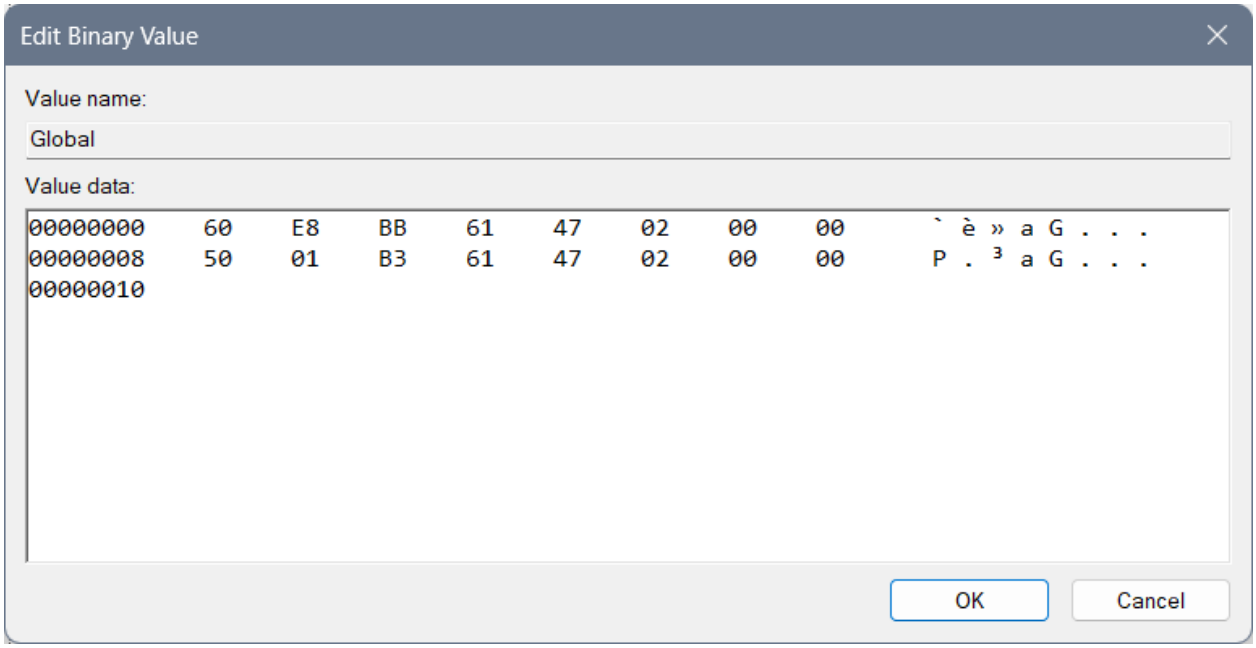
Value name:

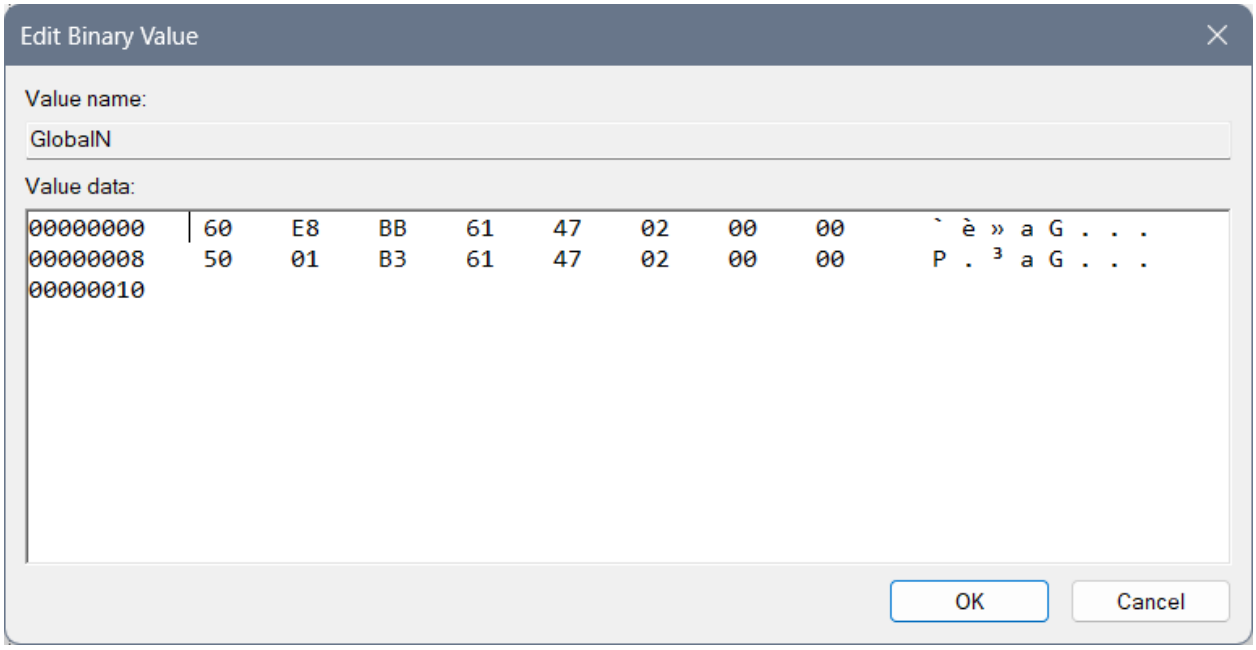
DisableDPPTemporarily

Value data:

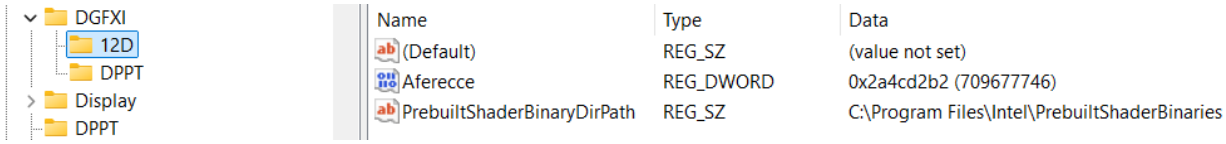
```
00000000   F2  02  A3  4C  2D  58  2D  DD   ò . £ L - X - Ý
00000008   DD  DD  EE  EE  EE  EE  FF  FF   Ý Ý î î î î ÿ ÿ
00000010   FF  FF  FF  FF  FF  FF           ÿ ÿ ÿ ÿ ÿ ÿ
```

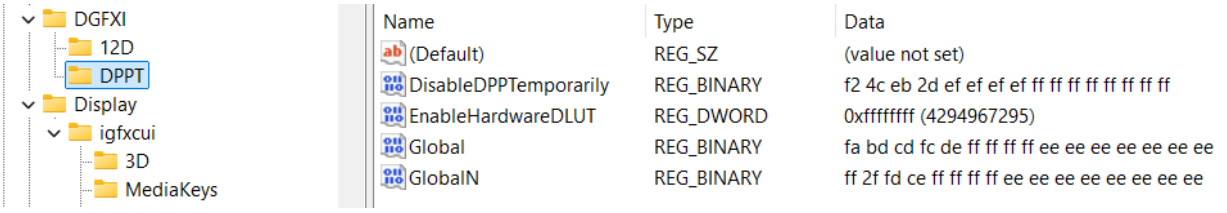
OK Cancel

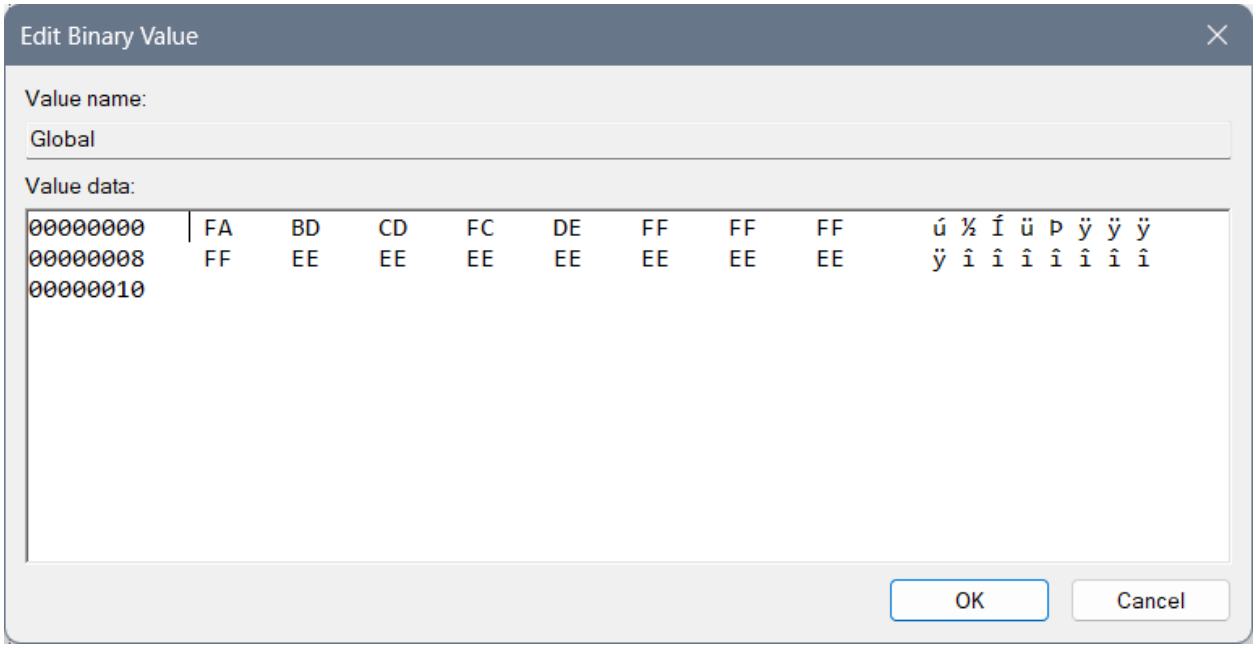

Edit Binary Value
Value name:
Global
Value data:
00000000 60 E8 BB 61 47 02 00 00 ` è » a G . . .
00000008 50 01 B3 61 47 02 00 00 P . ³ a G . . .
00000010
OK
Cancel

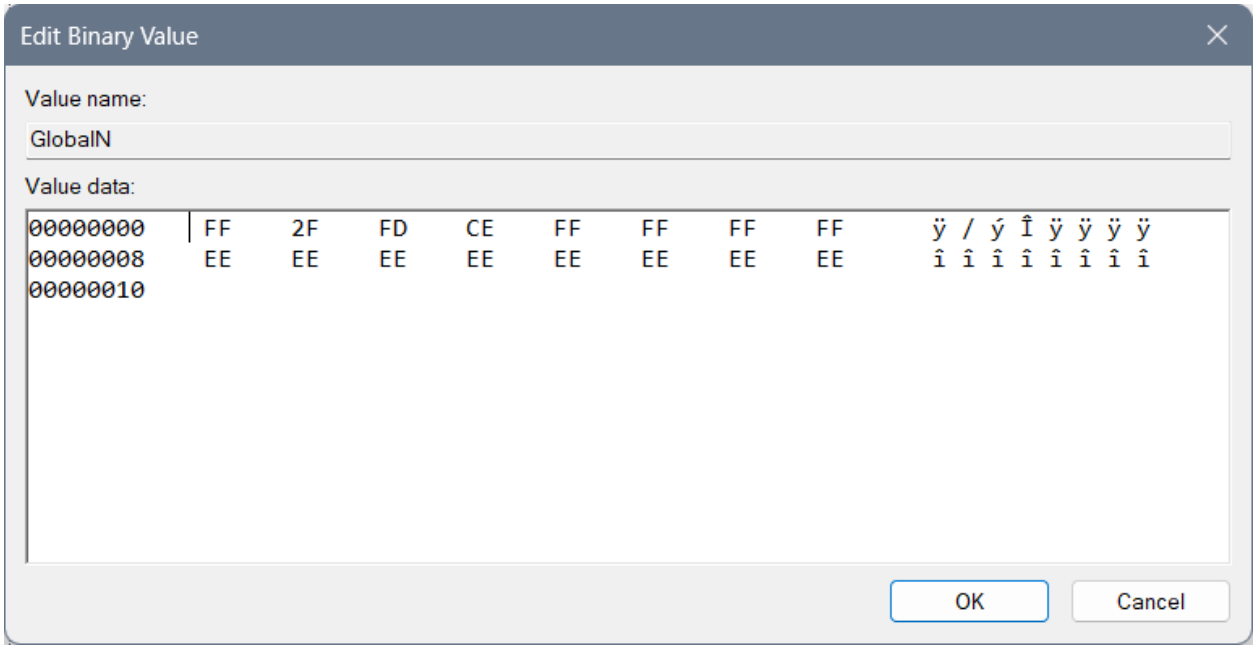

Edit Binary Value
Value name:
GlobalN
Value data:
00000000 60 E8 BB 61 47 02 00 00 ` è » a G . . .
00000008 50 01 B3 61 47 02 00 00 P . ³ a G . . .
00000010
OK
Cancel

DGFXI


DGFXI
12D
DPPT
Display
DPPT
Name
Type
Data
(Default)
REG_SZ
(value not set)
Aferecce
REG_DWORD
0x2a4cd2b2 (709677746)
PrebuiltShaderBinaryDirPath
REG_SZ
C:\Program Files\Intel\PrebuiltShaderBinaries


DGFXI
12D
DPPT
Display
igfxcui
3D
MediaKeys
Name
Type
Data
(Default)
REG_SZ
(value not set)
DisableDPPTemporarily
REG_BINARY
f2 4c eb 2d ef ef ef ef ff ff ff ff ff ff ff ff
EnableHardwareDLUT
REG_DWORD
0xffffffff (4294967295)
Global
REG_BINARY
fa bd cd fc de ff ff ff ff ee ee ee ee ee ee ee
GlobalN
REG_BINARY
ff 2f fd ce ff ff ff ff ee ee ee ee ee ee ee ee


Edit Binary Value
Value name:
Global
Value data:
00000000 FA BD CD FC DE FF FF FF ú ½ Í ü Þ ÿ ÿ ÿ
00000008 FF EE EE EE EE EE EE EE ÿ î î î î î î î
00000010
OK
Cancel


Edit Binary Value
Value name:
GlobalN
Value data:
00000000 FF 2F FD CE FF FF FF FF ÿ / ý Î ÿ ÿ ÿ ÿ
00000008 EE EE EE EE EE EE EE EE î î î î î î î î
00000010
OK
Cancel

DPPT

- DPPT
- Driver and Support Assistant
- FFRTZ
  - DPPTXZ
- GFX

Name	Type	Data
(Default)	REG_SZ	(value not set)
Global	REG_BINARY	ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff
GlobalN	REG_BINARY	ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff

Edit Binary Value

Value name:

Global

Value data:

```
00000000   FF  FF  FF  FF  FF  FF  FF  FF   ÿ ÿ ÿ ÿ ÿ ÿ ÿ ÿ
00000008   FF  FF  FF  FF  FF  FF  FF  FF   ÿ ÿ ÿ ÿ ÿ ÿ ÿ ÿ
00000010
```

OK Cancel

Edit Binary Value

Value name:

GlobalN

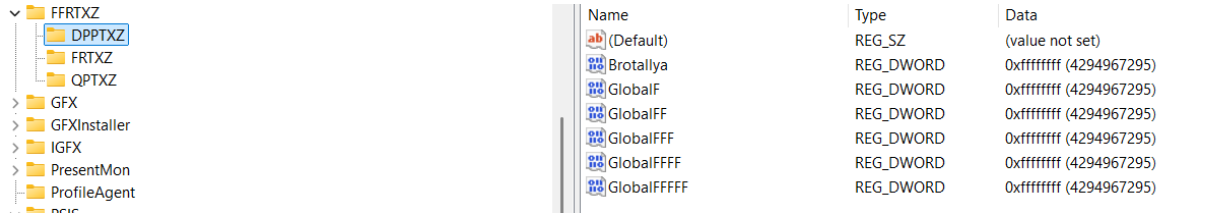
Value data:

```
00000000   FF  FF  FF  FF  FF  FF  FF  FF   ÿ ÿ ÿ ÿ ÿ ÿ ÿ ÿ
00000008   FF  FF  FF  FF  FF  FF  FF  FF   ÿ ÿ ÿ ÿ ÿ ÿ ÿ ÿ
00000010   FF  FF  FF  FF  FF  FF  FF  FF   ÿ ÿ ÿ ÿ ÿ ÿ ÿ ÿ
00000018
```

OK Cancel

FFRTXZ

DPPTXZ



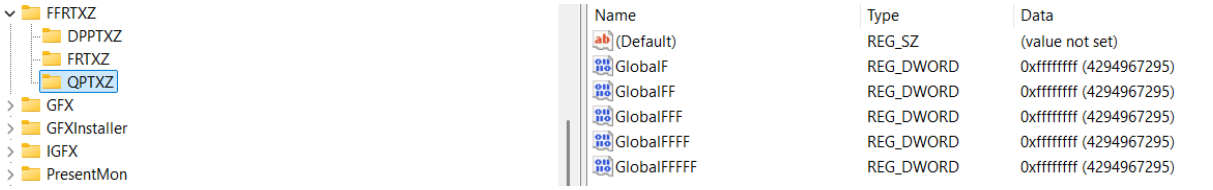
FRTXZ

If you want to allow:

- Dellante you should use “fafadafa” (as some primitive planets knew so) or “fefedefe”…
- Rante: 2a2a2a2a
- Orante: 23232323

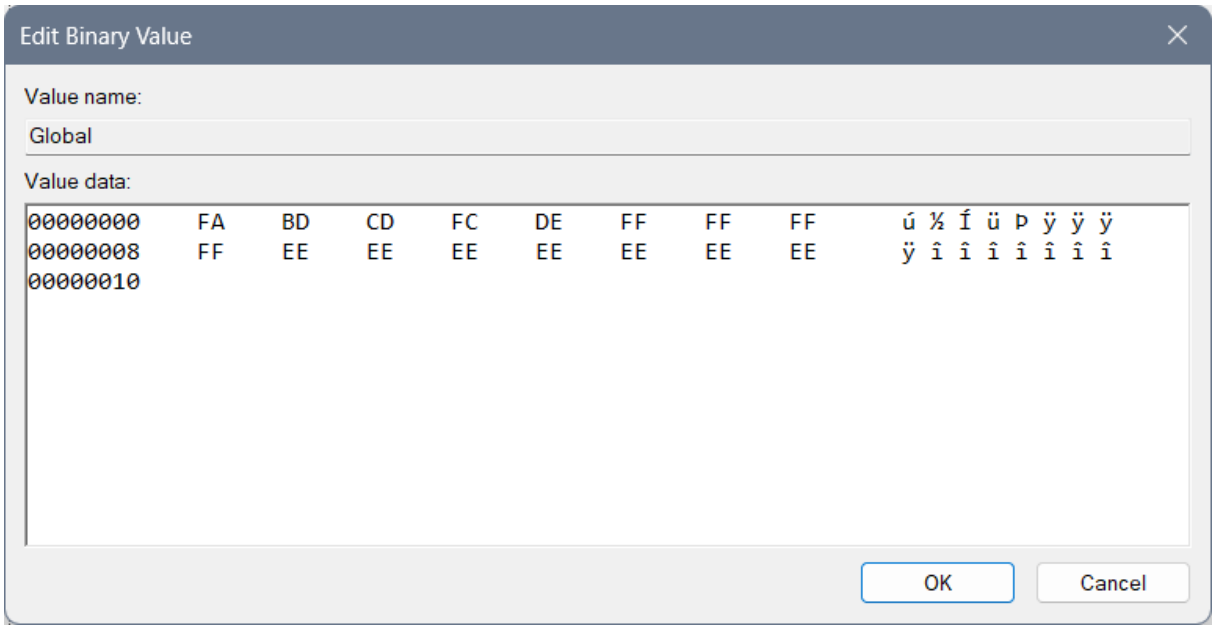
Earlier values not implemented are for “Global”: “F2DF2AF2” – extrowallyattarry ban – on all and everything but reading only allowed things… For the file “GlobalN”: “AFDFEDDF” we have Nonbralltyya ban on reading banned things… Because you do actually need to ban idea of global (usually alien reading for smart beings) and there are “symbols” (words)

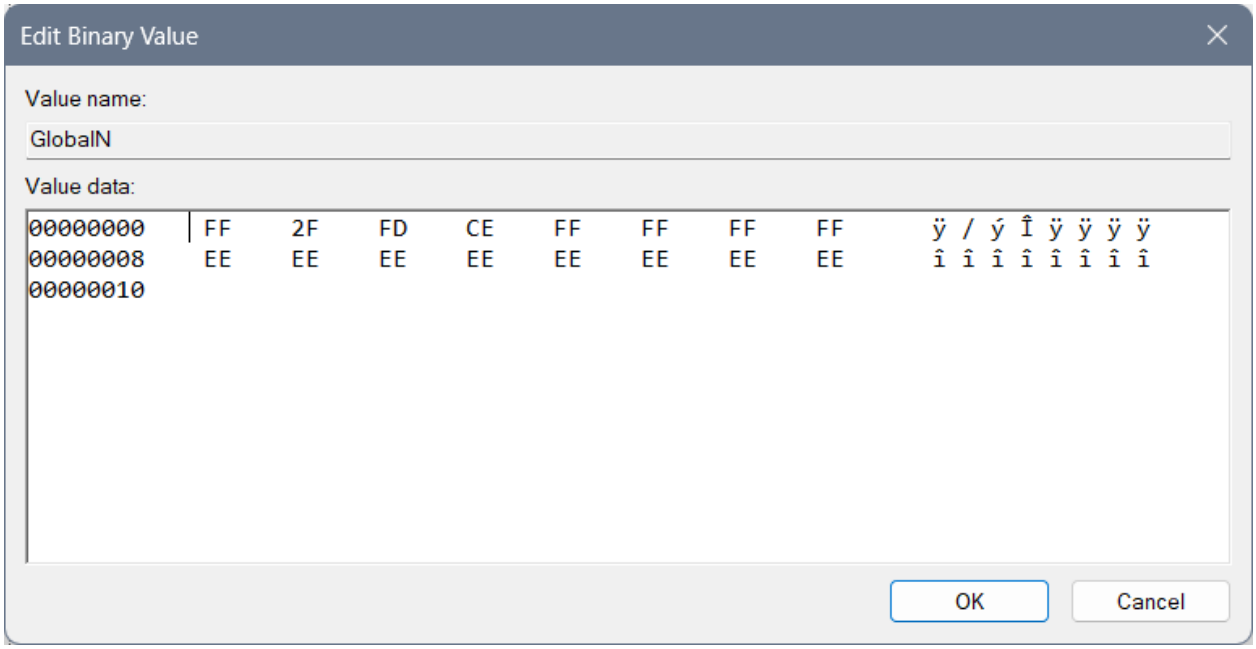
QPTXZ



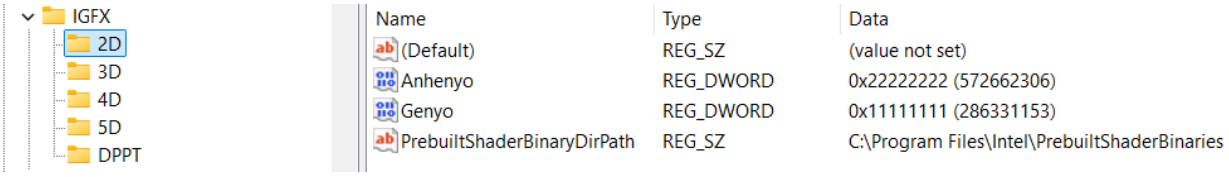
GFX

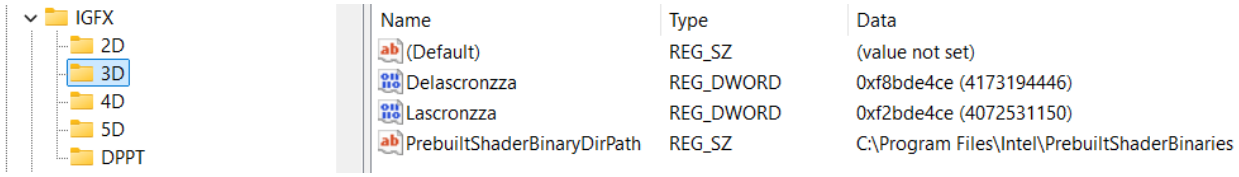
GFX
DPPT
Internal
GFXInstaller
LevelZero
{2BA535F4-FEF9-45E1-9F
IGFX
Name
Type
Data
(Default)
REG_SZ
(value not set)
Acarella
REG_DWORD
0x47256310 (1193632528)
Carella
REG_DWORD
0x24567125 (609644837)
Global
REG_BINARY
fa bd cd fc de ff ff ff ff ee ee ee ee ee ee ee
GlobalN
REG_BINARY
ff 2f fd ce ff ff ff ff ee ee ee ee ee ee ee ee

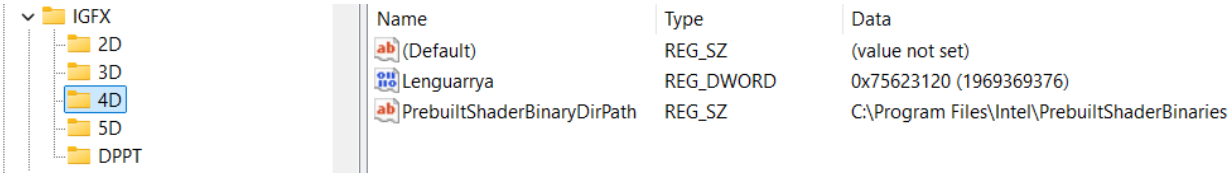

Edit Binary Value
Value name:
Global
Value data:
00000000 FA BD CD FC DE FF FF FF ú ½ Í ü Þ ÿ ÿ ÿ
00000008 FF EE EE EE EE EE EE EE ÿ î î î î î î î
00000010
OK
Cancel

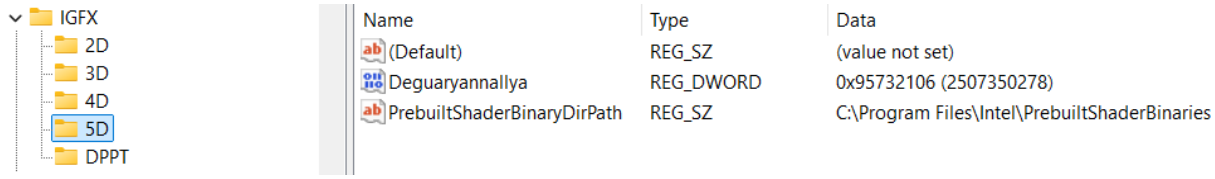

Edit Binary Value
Value name:
GlobalN
Value data:
00000000 FF 2F FD CE FF FF FF FF ÿ / ý Î ÿ ÿ ÿ ÿ
00000008 EE EE EE EE EE EE EE EE î î î î î î î î
00000010
OK
Cancel

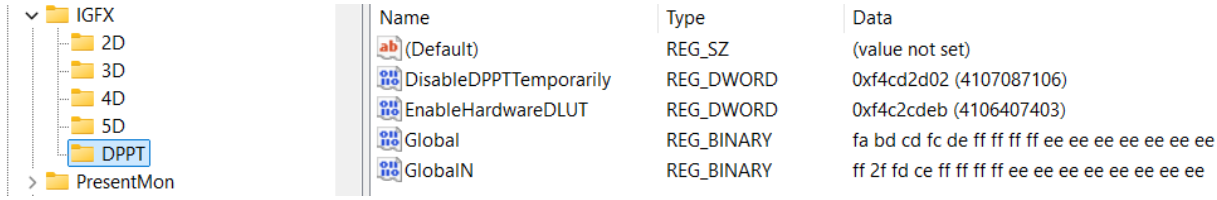
IGFX


IGFX
2D
3D
4D
5D
DPPT
Name
Type
Data
(Default)
REG_SZ
(value not set)
Anhenyo
REG_DWORD
0x22222222 (572662306)
Genyo
REG_DWORD
0x11111111 (286331153)
PrebuiltShaderBinaryDirPath
REG_SZ
C:\Program Files\Intel\PrebuiltShaderBinaries

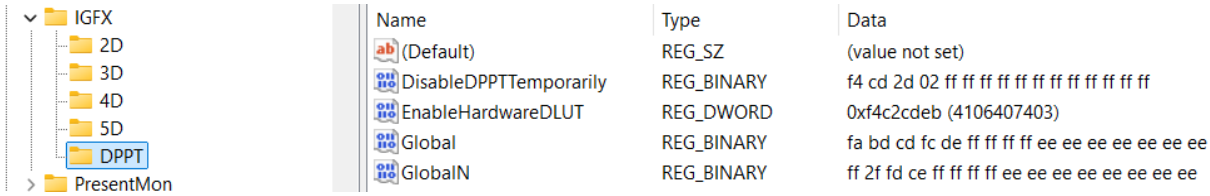




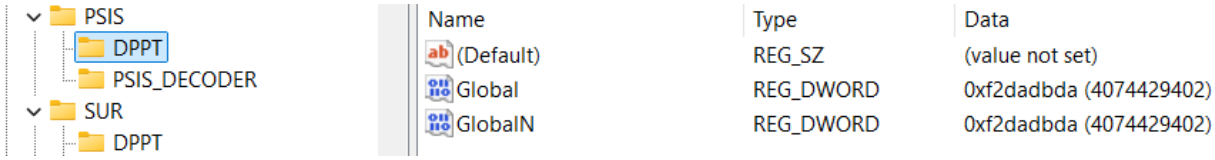




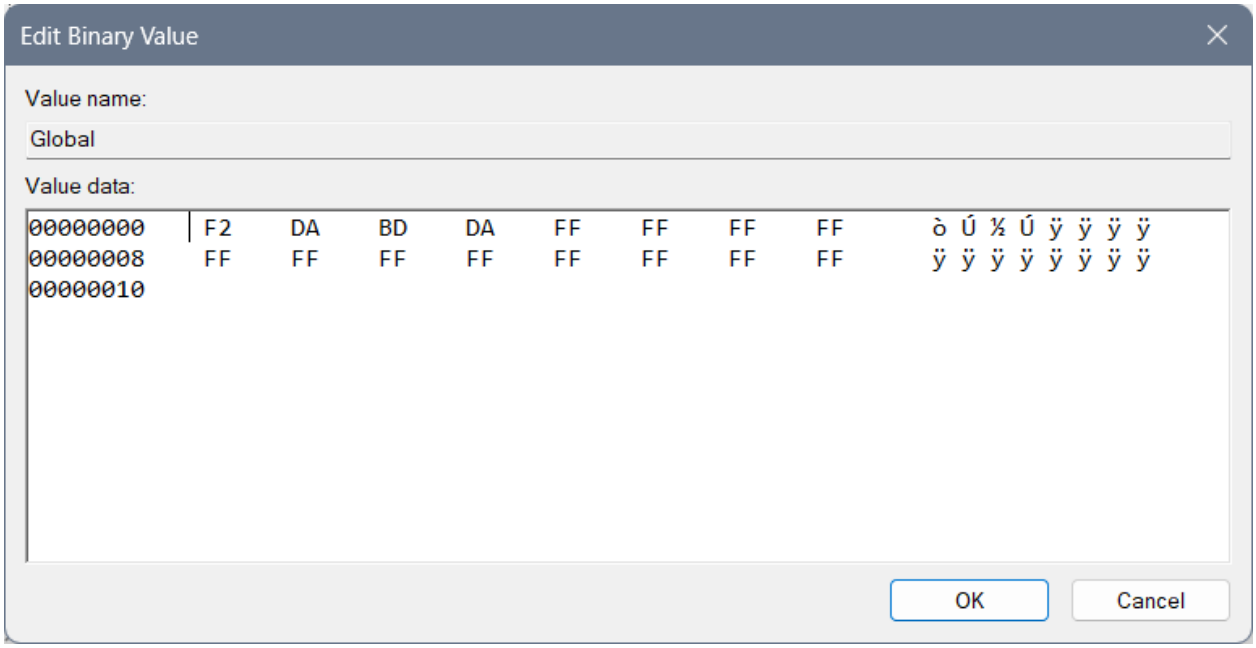
Or different idea of the DPPT which cuts the system differently:

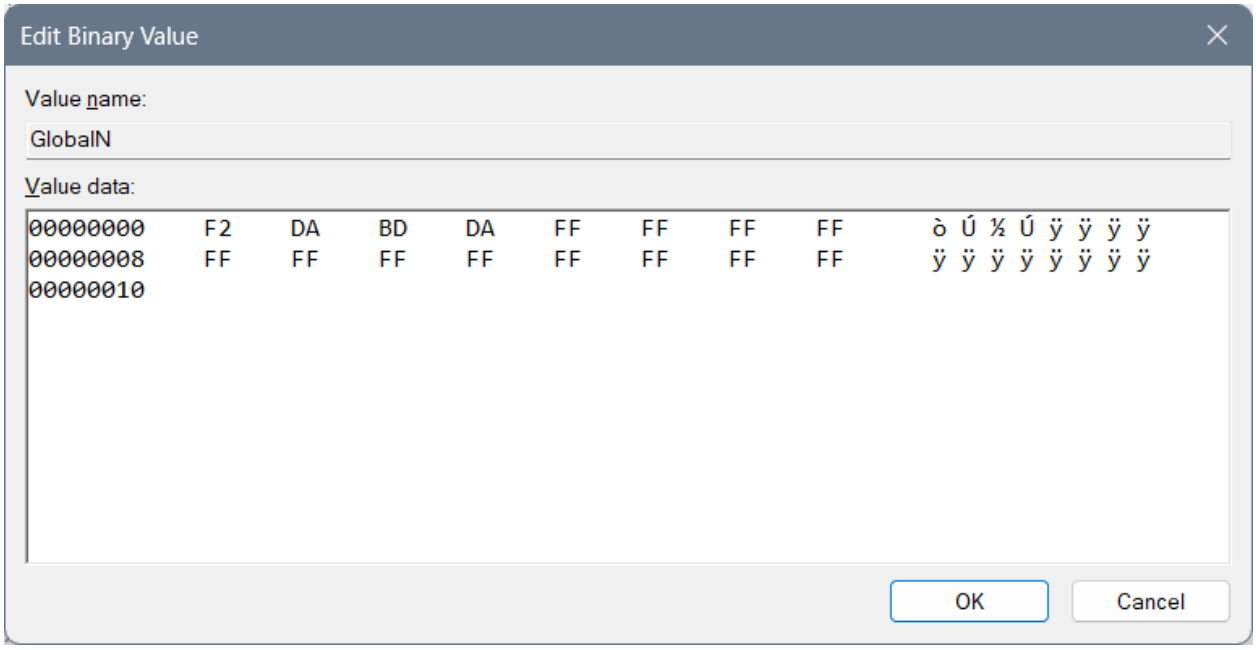


PSIS

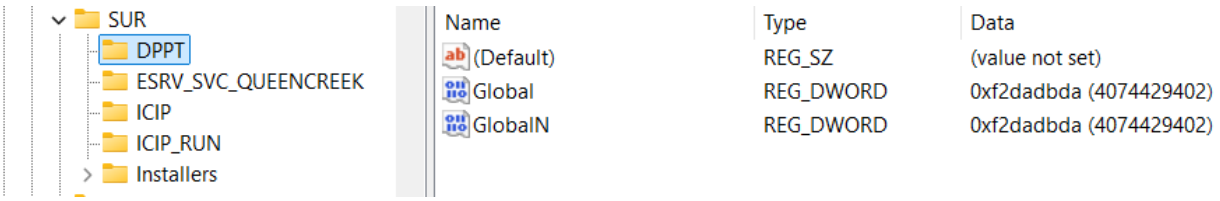


Or different solution which I am not preferring:

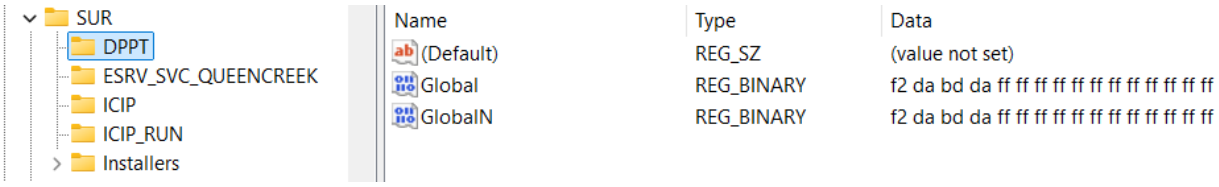




SUR

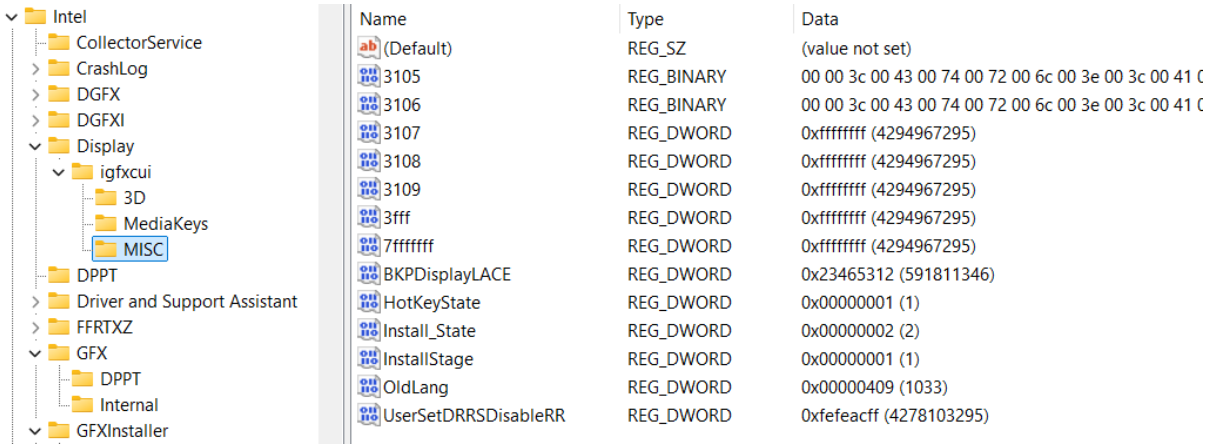


Or different solution which I am not preferring:

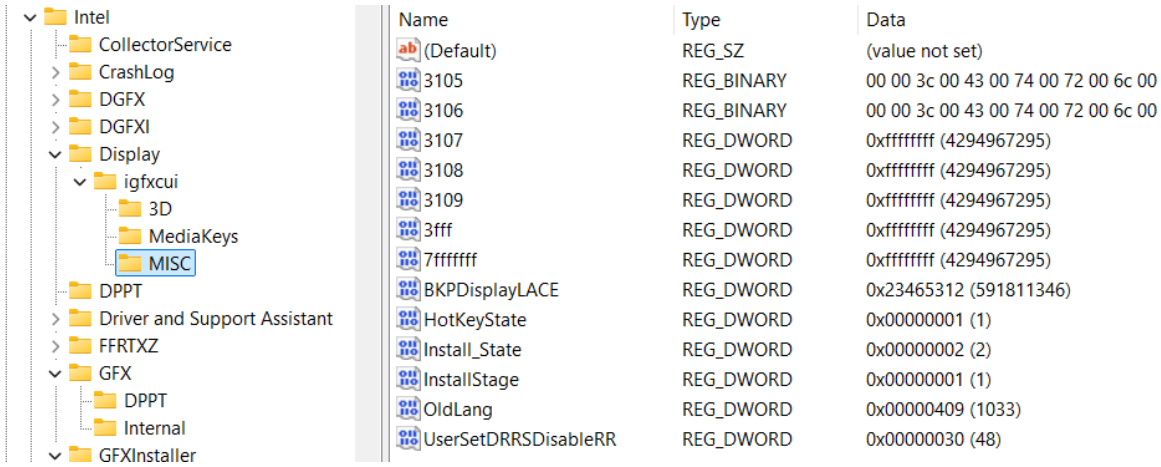


igfxcui

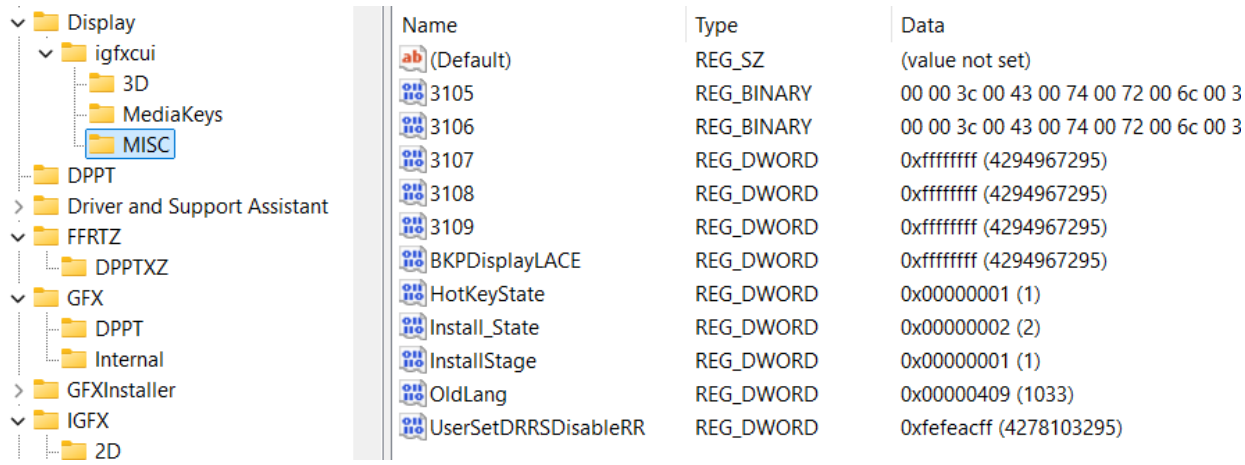
Files 3105 and 3106 leave the same, but create 3107, and 3108 and 3109…



Here you can find a regular DRRSDisableRR which is 30… I set it to something that for me makes more sense…



You can use this model with BKPDisplayLACE with all of the “f” chars but I do not suggest it because it represents open system of everyone around you and it doesn’t focus you on your job only…

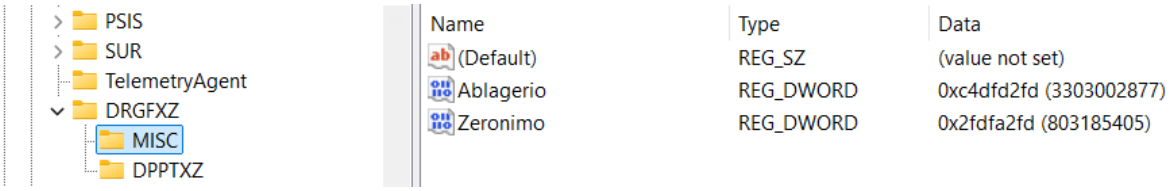


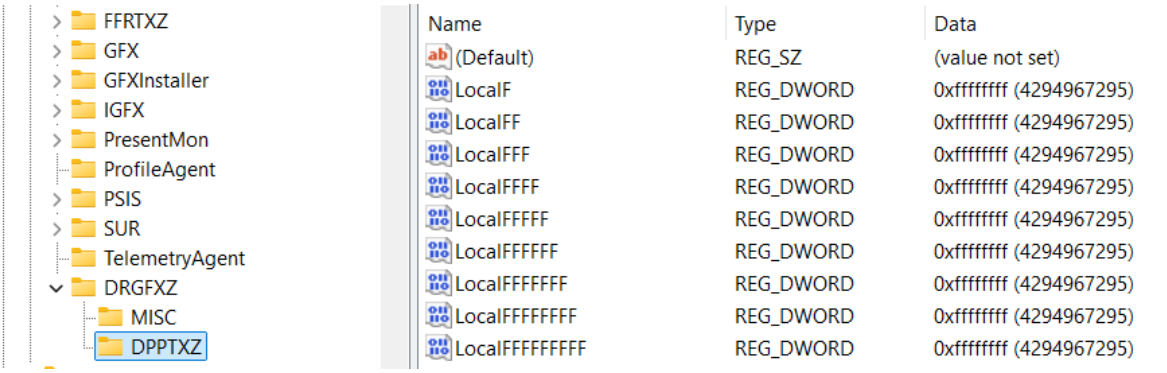
When you have a primitive idea of the 3D, you can implement 4D, 5D and up to 15D in the files as are dgfxcui (4D, 5D) and rgfxcui (6D, 7D, 8D), drgfxcui (9D, 10D, 11D), qxdrgfxcui (12D, 13D, 14D, 15D)… Each of those files should have the idea of the system speed being created by pixel movement to awake the brain idea of the cosmos jokes on the certain frequencies which is interesting because then user can see 3D image and so on…

12D
DPPT
Display
igfxcui
3D
MediaKeys
MISC
DPPT
Driver and Support Assistant
FFRTXZ
DPPTXZ
Name
Type
Data
(Default)
REG_SZ
(value not set)
Brotallya
REG_DWORD
0xdad3a200 (3671302656)
GlobalF
REG_BINARY
af df ed df ff ff ff ff ff ff ff ff ff ff ff ff
GlobalFF
REG_BINARY
f2 df 2a f2 ee ee ee ee ff ff ff ff ff ff ff ff

DRGFXZ

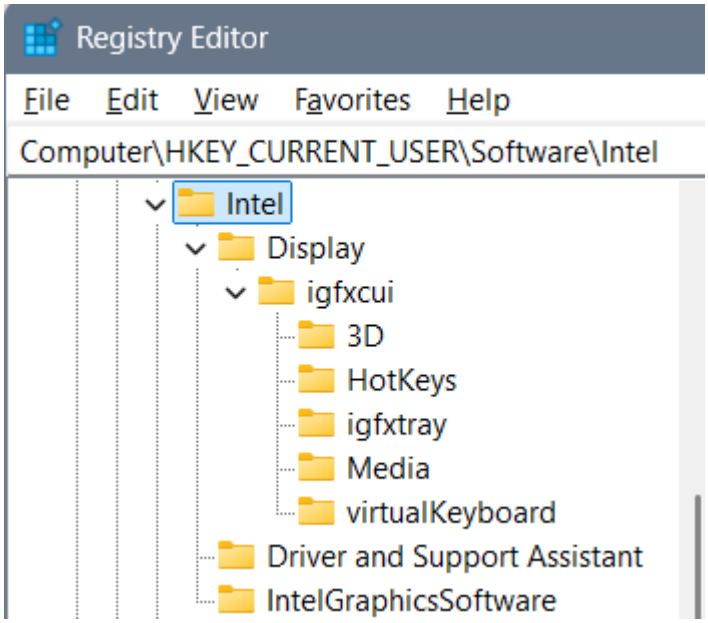
For Quanzyllyumar Display type regular values, and for a regular one type 8 times f: “ffffffff” into Ablagerio and Zeronimo…



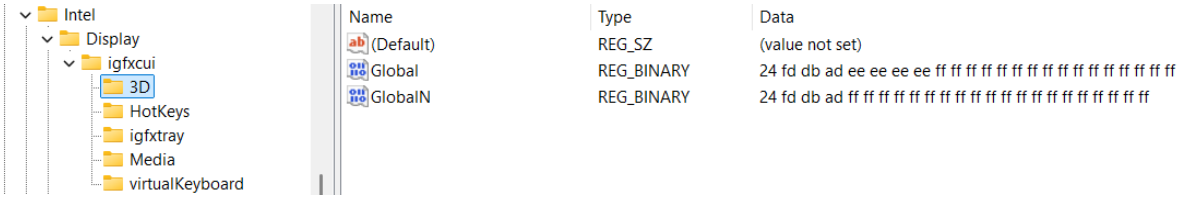


I believe if there is Ablagerio “ffffffff” and Zeronimo “ffffffff” then there is the key “DPPT” instead of “DPPTXZ”…

“HKEY_CURRENT_USER\Software\Intel\Display\igfxcui”



3D



Display\igfxcui\Media

Name	Type	Data
(Default)	REG_SZ	(value not set)
AceLevel	REG_DWORD	0xffffedbc (4294962620)
EnableACE	REG_DWORD	0xffffedbc (4294962620)
EnableFMD	REG_DWORD	0xffffedbc (4294962620)
EnableIS	REG_DWORD	0xffffedbc (4294962620)
EnableNLAS	REG_DWORD	0xffffedbc (4294962620)
EnableSTE	REG_DWORD	0xffffedbc (4294962620)
EnableSuperResolution	REG_DWORD	0xffffedbc (4294962620)
EnableTCC	REG_DWORD	0xffffedbc (4294962620)
GCompMode	REG_DWORD	0x4444dbed (1145363437)
GExpMode	REG_DWORD	0x999fedbd (2577395133)
InputYUVRange	REG_DWORD	0xfffff123 (4294963491)
NLASHLinearRegion	REG_DWORD	0xeffffffe (4026531838)
NLASNonLinearCrop	REG_DWORD	0xfeeeeeef (4277071599)
NLASVerticalCrop	REG_DWORD	0xfeeffeef (4277141231)
NoiseReductionAutoDetectE...	REG_DWORD	0xffbecaaa (4290693802)
NoiseReductionEnableChro...	REG_DWORD	0xfffeeeee (4294897390)
NoiseReductionEnabledAlw...	REG_DWORD	0xfffeeeee (4294897390)
NoiseReductionFactor	REG_DWORD	0xabc987ef (2882111471)
ProcAmpApplyAlways	REG_DWORD	0xfeefdabd (4277131965)
ProcAmpBrightness	REG_DWORD	0xfeefdabd (4277131965)
ProcAmpContrast	REG_DWORD	0xfeefdabd (4277131965)
ProcAmpHue	REG_DWORD	0xfeefdabd (4277131965)
ProcAmpSaturation	REG_DWORD	0xfeefdabd (4277131965)
SatFactorBlue	REG_DWORD	0xeeeddfff (4008566783)
SatFactorCyan	REG_DWORD	0xeeeddfff (4008566783)
SatFactorGreen	REG_DWORD	0xeeeddfff (4008566783)
SatFactorMagenta	REG_DWORD	0xeeeddfff (4008566783)
SatFactorRed	REG_DWORD	0xeeeddfff (4008566783)
SatFactorYellow	REG_DWORD	0xeeeddfff (4008566783)
SharpnessEnabledAlways	REG_DWORD	0xdecaffff (3737845759)
SharpnessFactor	REG_DWORD	0xfabecaff (4206807807)
SkinTone	REG_DWORD	0xcefdecaf (3472747695)
SuperResolutionEnabled	REG_DWORD	0xbffaceff (3220885247)
SuperResolutionMode	REG_DWORD	0xdecadeca (3737837258)
UISharpnessOptimalEnabled...	REG_DWORD	0xaddeefff (2917068799)

Theory and explanation

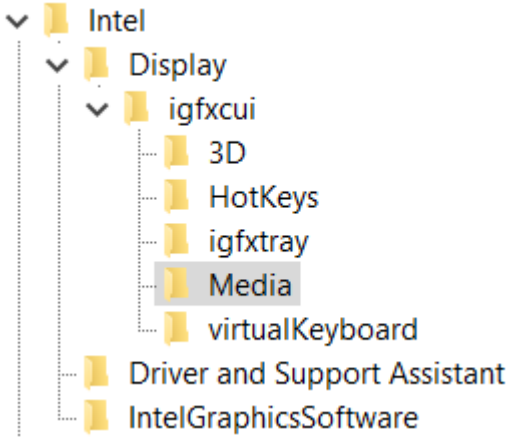
Let's talk about beginning idea how files can be shaped and changed and how they pull the system one way or another (from the computer, or to the computer) thanks to the settings we have...

Let's talk about the Intel graphics card settings… Besides regular settings for brightness, contrast, saturation and hue, there are some more options under Registry Keys that you might find interesting for a better display view…

I believe that here a setting: "Enable…" or "…Enabled" (for example "EnableACE" or SuperResolutionEnabled") doesn't need to have only options 0 or 1, but it can have any possible options, and the point is that you actually play with the display settings and figure out when you have the best view… I will give you a hint – if you set everything else right – setting the "SkinTone" to a value "3" gives you somehow a feeling of "a Saint computer user"… So, the conclusion is that you can create anything that you like from these values without needing to restart the computer to see the results…

Beginning idea of editing binary files

- Computer\HKEY_CURRENT_USER\SOFTWARE\Intel\Display\igfxcui\Media



Those settings are mixed, coded, introvert – flipped upside down and mixed while flipping so while we are mixing them we get the word we want – and by the belief it has only one key… For example if we would start with an idea of repeating of hex values – fractal to cosmos – we can for nonsense start with for the non existing "DPA" key: "ff" would be fine, and "fff" would require 7 more "a" hex values for us to put DPA to Yrrygonallya model of understanding… Then if we would add another "e" we would need to type and "dbca" which gives us 8 hex values and the word "DPA" would be translated into Hex as: "fffedbca". The point is to code as many letters as we can so that we get the desired idea…

All those settings are connected in some way – unknown for us, but by the belief maybe one DWORD after another … I believe that the code in one field is connected to the code to the

other field and that the whole code of the registry editor file of the graphic card represents some type of the solution rather than those parts one by one…

My current settings were shown on this image:

Name	Type	Data
(Default)	REG_SZ	(value not set)
AceLevel	REG_DWORD	0xffffedbc (4294962620)
EnableACE	REG_DWORD	0xffffedbc (4294962620)
EnableFMD	REG_DWORD	0xffffedbc (4294962620)
EnableIS	REG_DWORD	0xffffedbc (4294962620)
EnableNLAS	REG_DWORD	0xffffedbc (4294962620)
EnableSTE	REG_DWORD	0xffffedbc (4294962620)
EnableSuperResolution	REG_DWORD	0xffffedbc (4294962620)
EnableTCC	REG_DWORD	0xffffedbc (4294962620)
GCompMode	REG_DWORD	0x4444dbed (1145363437)
GExpMode	REG_DWORD	0x999fedbd (2577395133)
InputYUVRange	REG_DWORD	0xfffff123 (4294963491)
NLASHLinearRegion	REG_DWORD	0xeffffffe (4026531838)
NLASNonLinearCrop	REG_DWORD	0xfeeeeeef (4277071599)
NLASVerticalCrop	REG_DWORD	0xfeeffeef (4277141231)
NoiseReductionAutoDetectEnabledAlways	REG_DWORD	0xffbecaaa (4290693802)
NoiseReductionEnableChroma	REG_DWORD	0xfffeeeee (4294897390)
NoiseReductionEnabledAlways	REG_DWORD	0xfffeeeee (4294897390)
NoiseReductionFactor	REG_DWORD	0xabc987ef (2882111471)
ProcAmpApplyAlways	REG_DWORD	0xfeefdabd (4277131965)
ProcAmpBrightness	REG_DWORD	0xfeefdabd (4277131965)
ProcAmpContrast	REG_DWORD	0xfeefdabd (4277131965)
ProcAmpHue	REG_DWORD	0xfeefdabd (4277131965)
ProcAmpSaturation	REG_DWORD	0xfeefdabd (4277131965)
SatFactorBlue	REG_DWORD	0xeeeddfff (4008566783)
SatFactorCyan	REG_DWORD	0xeeeddfff (4008566783)
SatFactorGreen	REG_DWORD	0xeeeddfff (4008566783)
SatFactorMagenta	REG_DWORD	0xeeeddfff (4008566783)
SatFactorRed	REG_DWORD	0xeeeddfff (4008566783)
SatFactorYellow	REG_DWORD	0xeeeddfff (4008566783)
SharpnessEnabledAlways	REG_DWORD	0xdecaffff (3737845759)
SharpnessFactor	REG_DWORD	0xfabecaff (4206807807)
SkinTone	REG_DWORD	0xcefdecaf (3472747695)
SuperResolutionEnabled	REG_DWORD	0xbffaceff (3220885247)
SuperResolutionMode	REG_DWORD	0xdecadeca (3737837258)
UISharpnessOptimalEnabledAlways	REG_DWORD	0xaddeefff (2917068799)

Type all “fffffffe” into the **BKPDisplayLACE** file:

- Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Intel\Display\igfxcui\MISC
- Key: BKPDisplayLACE
- Setting: fffffffe

Type all “fefeacff” into the **UserSetDRRSDisableRR** file:

- Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Intel\Display\igfxcui\MISC
- Key: UserSetDRRSDisableRR
- Setting: fefeacff

Under “igfxcui” you there can even exist a folder named “dgfxcui” which is more primitive then “igfxcui” and is based on a cube graphics, and under it folder “3D” with some keys… In both folders there can be some of the keys, but I find only some necessary…

- Cosmos: f2bde2fe
- Twirl: dba2cca2
- Yrygonallya: ffd2ffee
- Degonallyya: f2bde4cd

Some of the keys have some abilities and some are too strong which is why we can use “Cartoon” instead of “cartooned”… Those keys can allow using of a system the wrong way – playing with it, which you might find unprofessional, but for some users maybe results well… When someone is playing with the system you should know that

- Cartooned: fe2bda2a
- Lymbralltyum: f2bcdaf2
- Mute: a2fedcae
- Muted: fe2edcae
- Cartoon: ffe2acde
- Descrywyall: fffc2def
- Stacyonarye:
- Estacyonarye: fffeddba

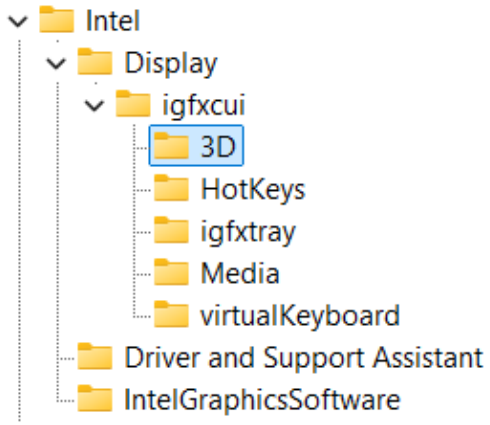
Maglow colors Elamphorenye light, Borrllandorr coding,

Name	Type	Data
(Default)	REG_SZ	(value not set)
Cartoon	REG_DWORD	0xef2cdbaf (4012694447)
Cosmos	REG_DWORD	0xf2bde2fe (4072530686)
Degonallyya	REG_DWORD	0xf2bde4cd (4072531149)
Global	REG_BINARY	ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff
GlobalFFFF	REG_BINARY	ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff f
GlobalN	REG_BINARY	ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff
Muted	REG_DWORD	0xfdabfa2f (4255906351)
Twirl	REG_DWORD	0xdba2cca2 (3684879522)
Yrygonallya	REG_DWORD	0xffd2ffee (4292018158)
Skrywynarrya	REG_DWORD	0xf2febacd (4076780237)

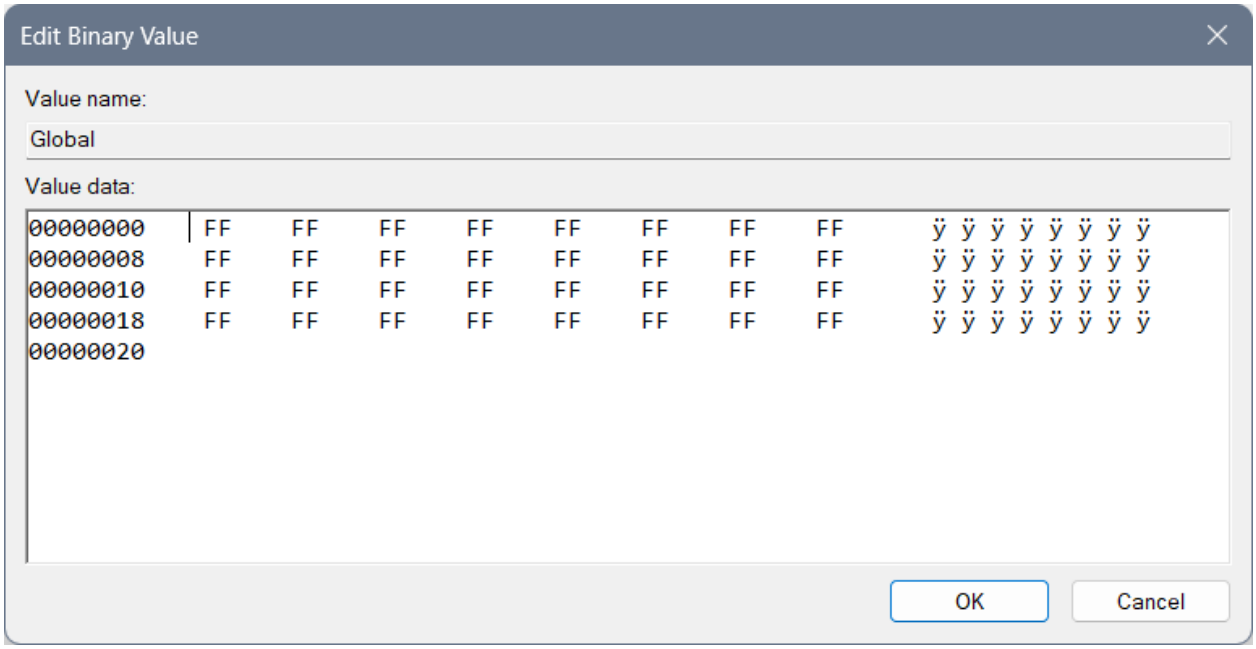
YIlymbralltyum	REG_DWORD	0xf2dca2ac (4074545836)
Tartallye	REG_DWORD	0xafe2cdef (2950876655)
Bortta	REG_DWORD	0xf2bdefdf (4072533983)
Descrywyall	REG_DWORD	0xfffc2def (4294716911)
CosmosJoke	REG_DWORD	0xff23ddef (4280540655)
Lymbralltyum	REG_DWORD	0xfe2cdacd (4264352461)
Slaggyya	REG_DWORD	0xf2bdacdf (4072516831)
Stacyonarye	REG_DWORD	0xe2bdacdf (3804081375)

Name	Type	Data
(Default)	REG_SZ	(value not set)
Global	REG_BINARY	ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff
GlobalN	REG_BINARY	ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff ff
YIlymbralltyum	REG_DWORD	0xf2dca2ac (4074545836)
Cartooned	REG_DWORD	0xffe2acde (4293045470)
Mute	REG_DWORD	0xa2fedcae (2734611630)
Descrywyall	REG_DWORD	0xfffc2def (4294716911)
CosmosJoke	REG_DWORD	0xff23ddef (4280540655)
Lymbralltyum	REG_DWORD	0xfe2cdacd (4264352461)
Slaggyya	REG_DWORD	0xf2bdacdf (4072516831)
Stacyonarye	REG_DWORD	0xe2bdacdf (3804081375)

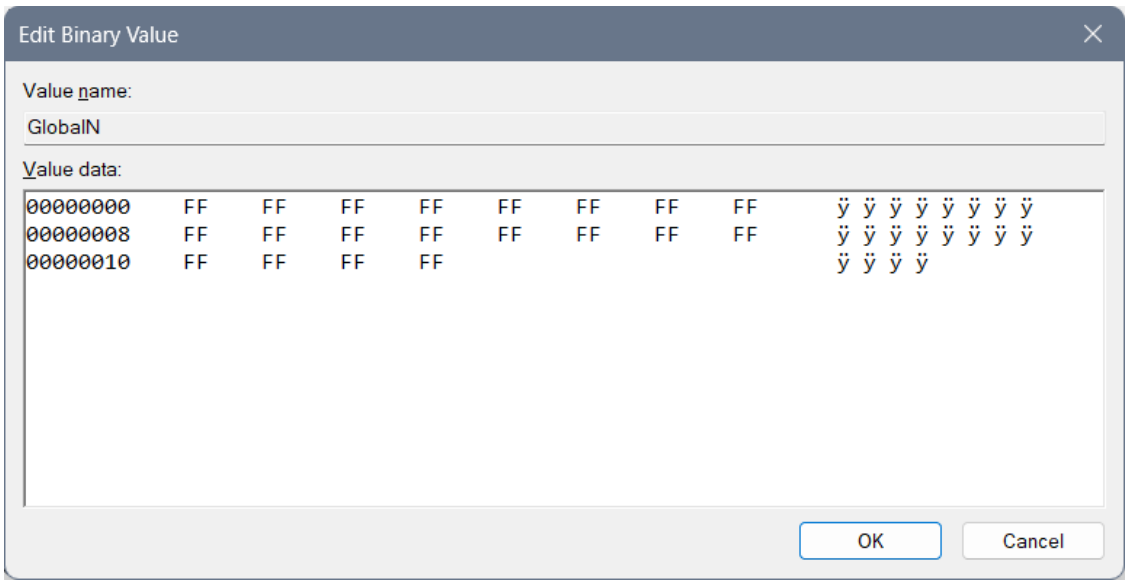
Computer\HKEY_CURRENT_USER\Software\Intel\Display\igfxcui\3D



You need to type for the REG_BINARY named Global: 3 lines of “FF” code:

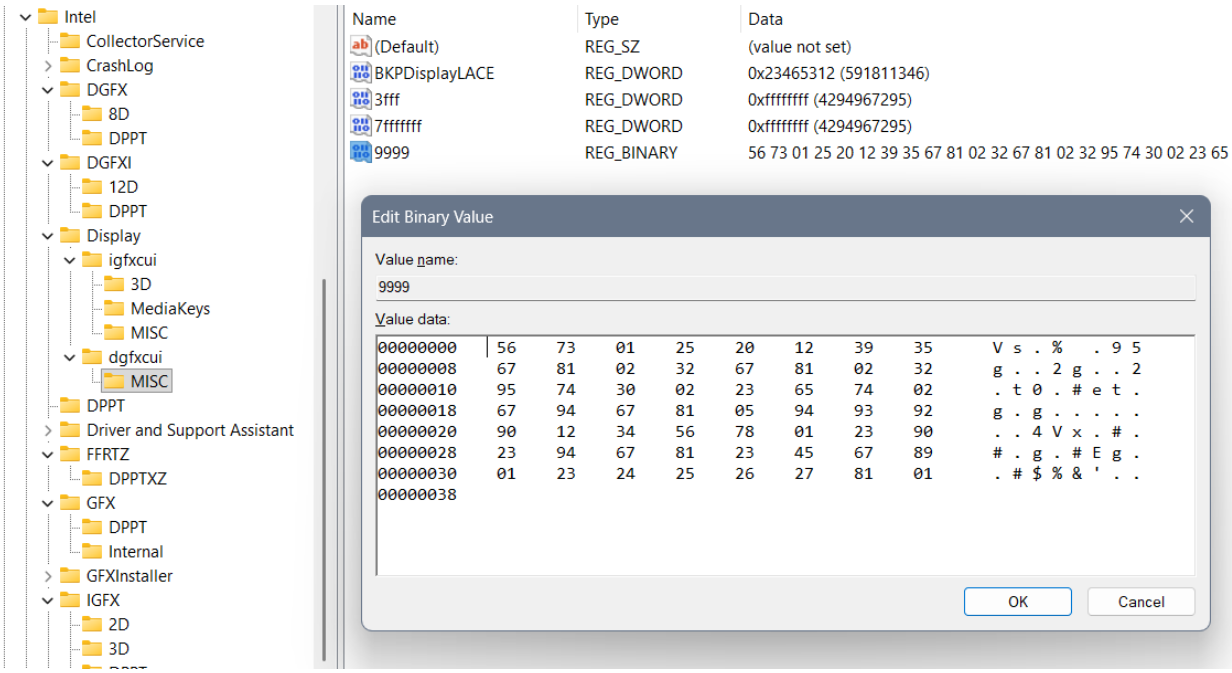


And for the REG_BINARY named GlobalN: 2 and a half lines of code of “FF”:



rgxfcui, drgfxcui, and etc.

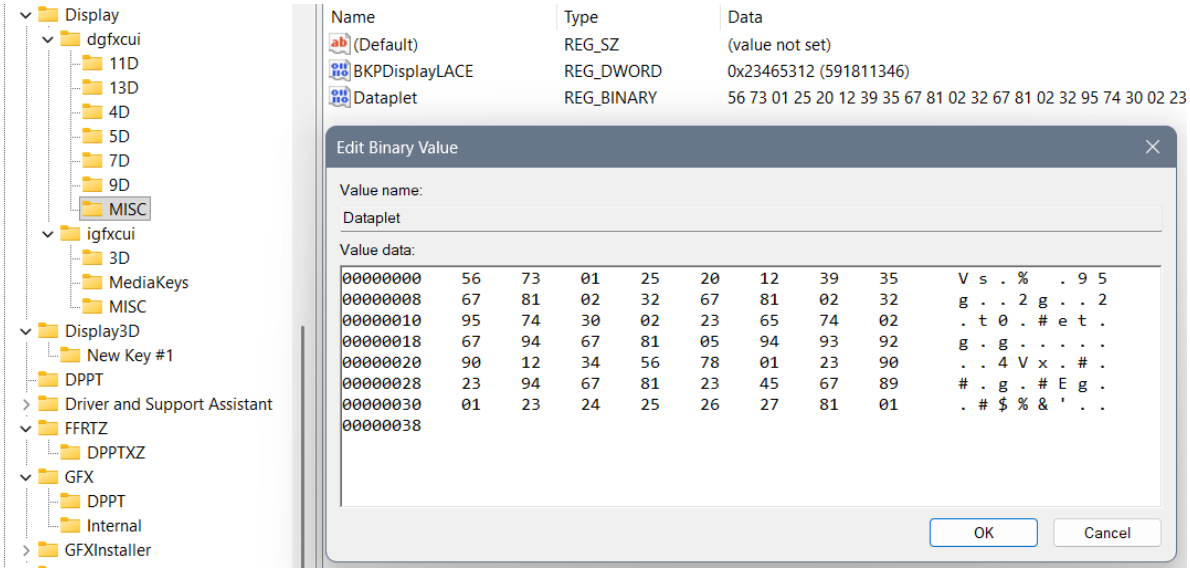
Beginning idea of drgfxcui file:



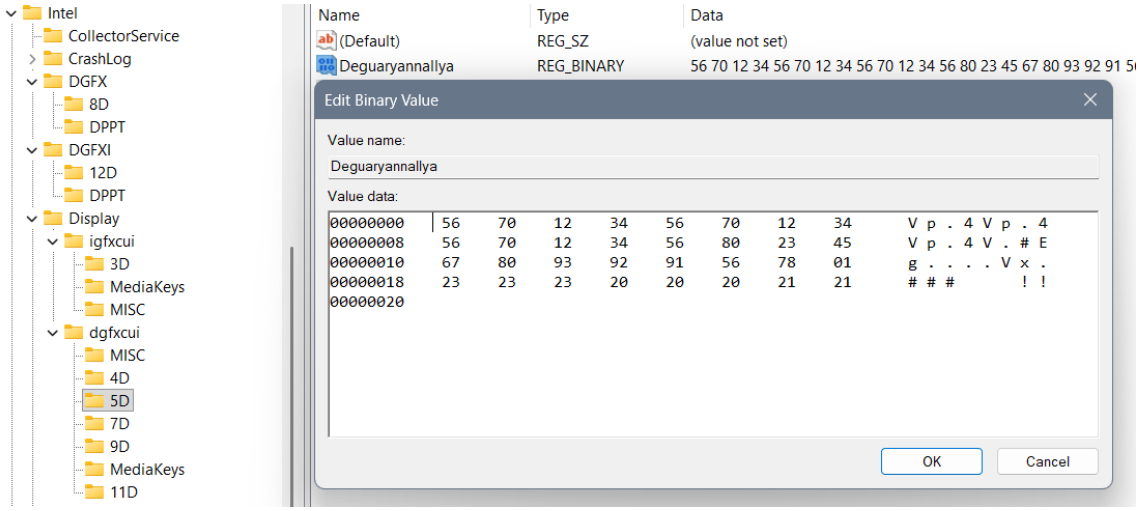
Represents Yrwenholl coding of the uncoded laptop describing every possible situation where cosmos jokes should appear and where shouldn't. How user should behave and what user should do… It is in a dgfxcui file in a MISC folder, under a file Yrwenholl "9999" data – or a file named something like "Dataplet" (maybe "Datapllet") or "Bazaplet" (or maybe "Bazapllet")...

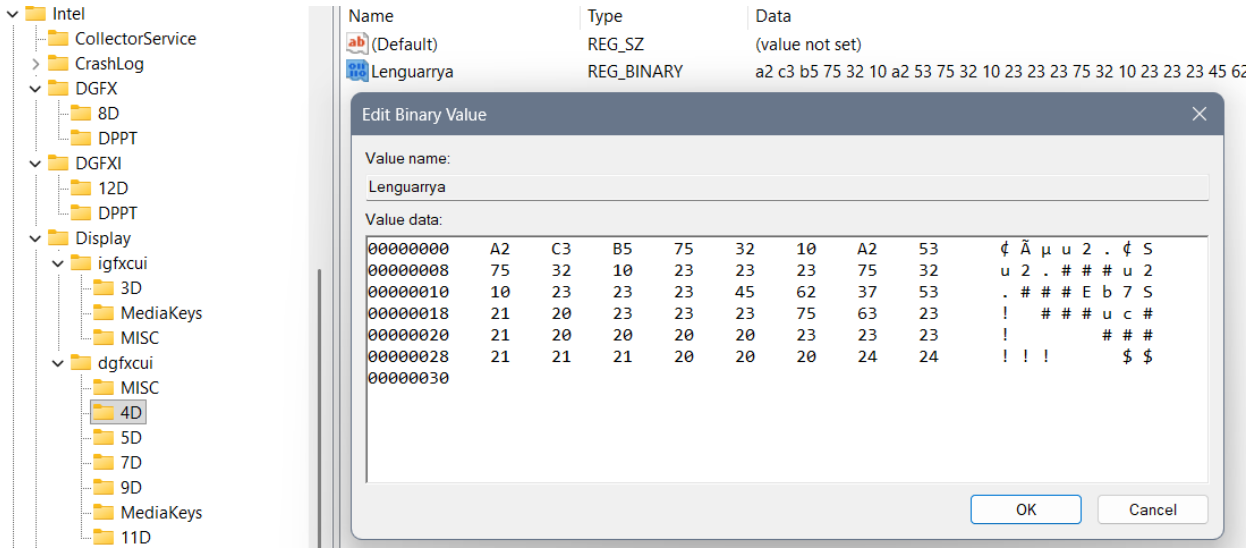
If you are not sure how each file is named, better not to create one like that, also if you are not sure how to fill it better not do it, and if you have shorter code as is REG_DWORD you should create one instead of REG_BINARY, but only if you are sure your code is smaller and it doesn't have protection with simple bans and large bans as are "EE" or "FF"…

When we are typing long REG_BINARY files we should always pay attention to the system of letters we are typing according to the named files, because we do not want to create a mistake of open system reading everything that aliens didn't allow, neither in the closed system… After you type many of the Chars you can find a mistake with a question – how can I actually do that to respect the system? And then you better not do it at all… There is another idea that you should do all of the code with Berllyngyerry (I believe being named so) coding with an idea to ban the system, which for Mergallyzyerry coding (of all files together giving a result) gives the extra hard task to do so…



Example of maybe wrong system written codes:





And the solutions:

- Display
  - dgfxcui
    - 11D
    - 13D
    - 4D
    - 5D
    - 7D
    - 9D
    - MISC

Name	Type	Data
(Default)	REG_SZ	(value not set)
Demorrzya	REG_DWORD	0x97112347 (2534482759)

- Display
  - dgfxcui
    - 11D
    - 13D
    - 4D
    - 5D
    - 7D
    - 9D
    - MISC

Name	Type	Data
(Default)	REG_SZ	(value not set)
Degrruiya	REG_DWORD	0x95685620 (2506642976)

- Display
  - dgfxcui
    - 11D
    - 13D
    - 4D
    - 5D
    - 7D
    - 9D
    - MISC

Name	Type	Data
(Default)	REG_SZ	(value not set)
Lenguarrya	REG_DWORD	0x75623120 (1969369376)

- Display
  - dgfxcui
    - 11D
    - 13D
    - 4D
    - 5D
    - 7D
    - 9D
    - MISC

Name	Type	Data
(Default)	REG_SZ	(value not set)
Deguaryannallya	REG_DWORD	0x95732106 (2507350278)

- Display
  - dgfxcui
    - 11D
    - 13D
    - 4D
    - 5D
    - 7D
    - 9D
    - MISC

Name	Type	Data
(Default)	REG_SZ	(value not set)
Fabryzzya	REG_DWORD	0x97560123 (2538996003)

- Display
  - dgfxcui
    - 11D
    - 13D
    - 4D
    - 5D
    - 7D
    - 9D
    - MISC

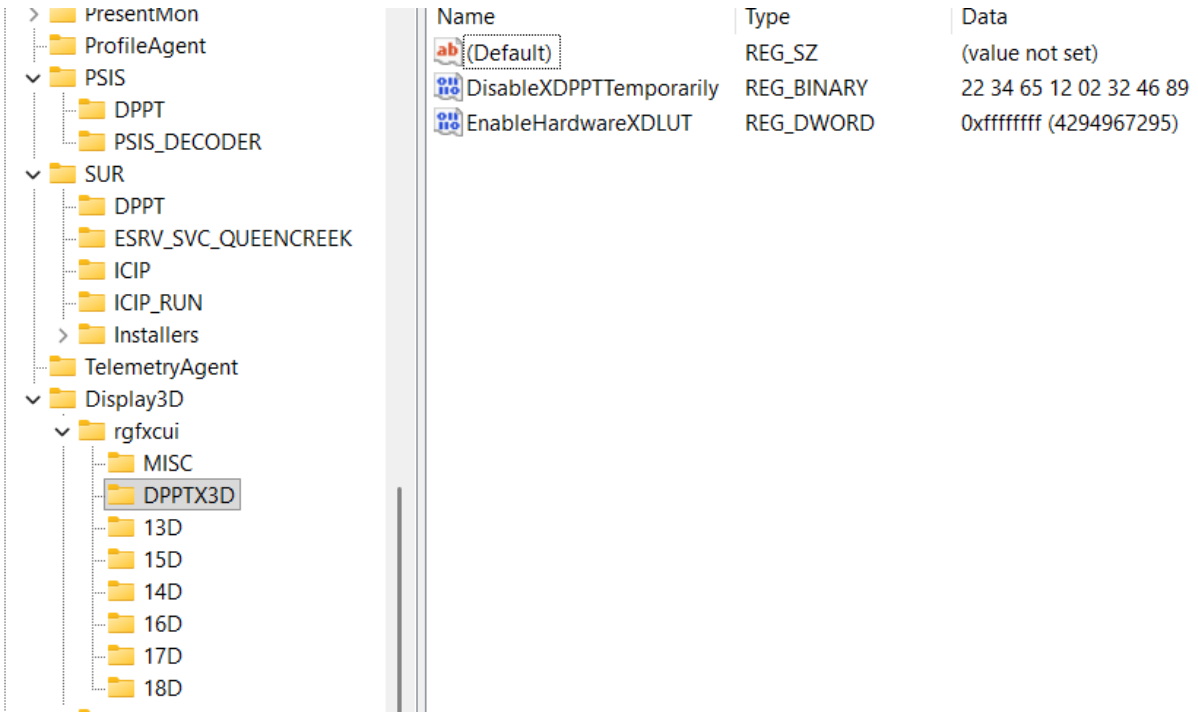
Name	Type	Data
(Default)	REG_SZ	(value not set)
Fabrozzya	REG_DWORD	0x97560321 (2538996513)

- Display3D
  - rgfxcui
    - MISC
    - DPPTX3D
    - 13D
    - 15D
    - 14D
    - 16D
    - 17D
  - drgfxcui
    - 11D
    - 13D
    - MISC
    - DPPT
  - qdrgfxcui

Name	Type	Data
(Default)	REG_SZ	(value not set)
DBKPDisplayLACERYA	REG_DWORD	0x23465312 (591811346)
EnableHardwareXDLUT	REG_DWORD	0xffffffff (4294967295)
Global	REG_BINARY	(zero-length binary value)
GlobalN	REG_BINARY	(zero-length binary value)

- Display3D
  - rgfxcui
    - MISC
    - DPPTX3D
    - 13D
    - 15D
    - 14D
    - 16D
    - 17D
    - 18D
  - drgfxcui
    - 19D
    - 20D
    - MISC
    - DPPT
  - qdrgfxcui

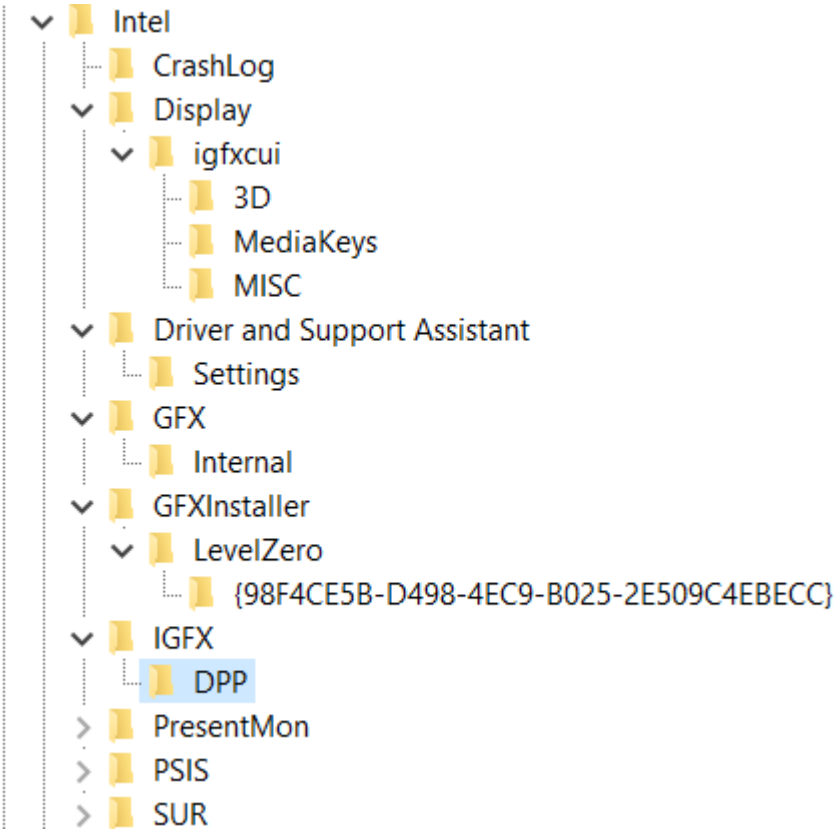
Name	Type	Data
(Default)	REG_SZ	(value not set)
DBKPDisplayLACERYA	REG_DWORD	0x23465312 (591811346)
EnableHardwareXDLUT	REG_DWORD	0xffffffff (4294967295)
Global	REG_BINARY	(zero-length binary value)
GlobalN	REG_BINARY	(zero-length binary value)



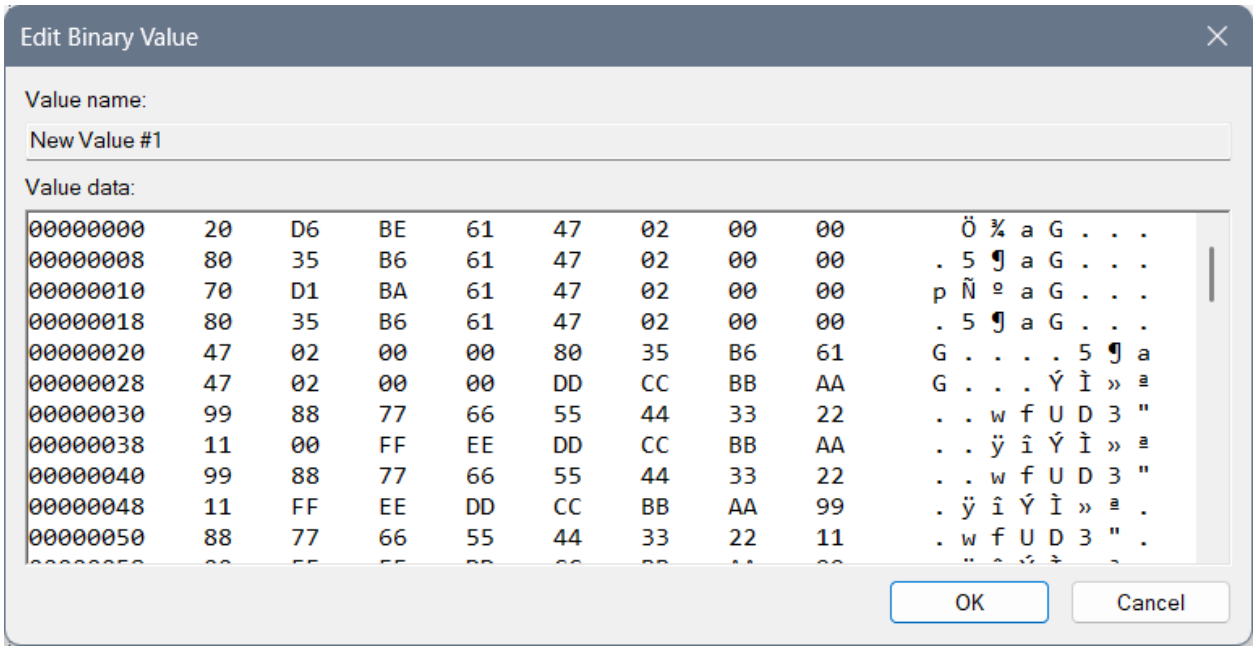
IGFX\DPP

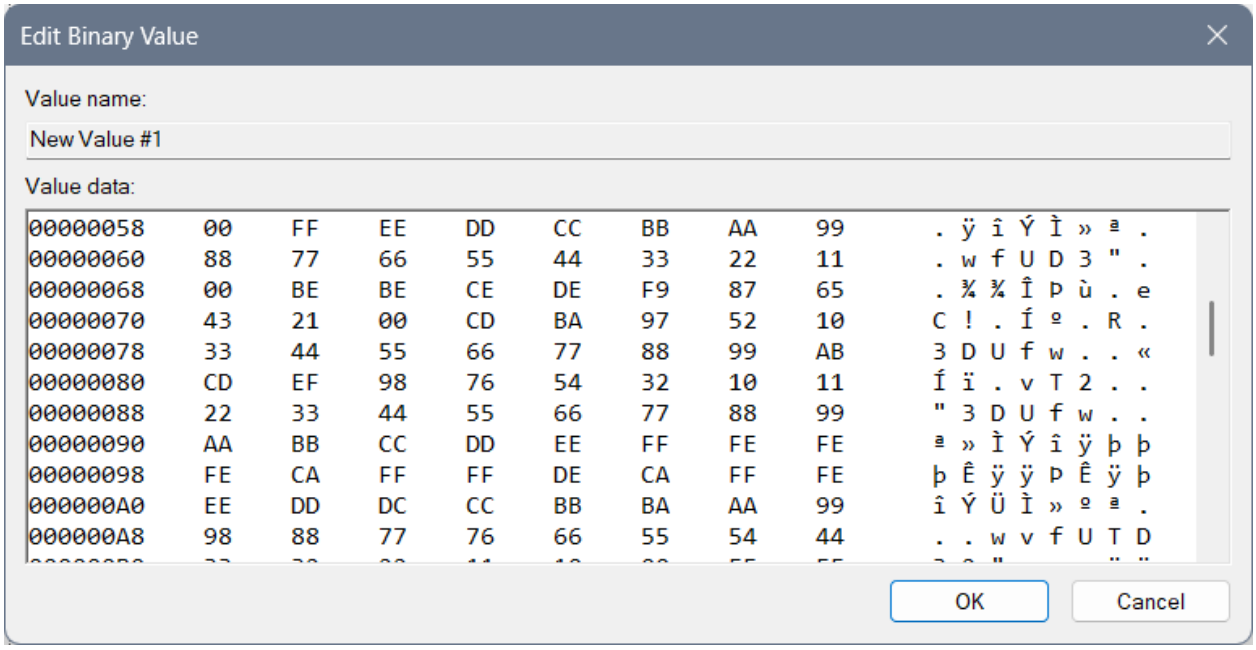
There is one more thing to add:

- Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Intel\IGFX\DPP



Suggested values:





Edit Binary Value

Value name:

New Value #1

Value data:

```
000000B0   33   32   22   11   10   00   FF   FF   3 2 " . . . ÿ ÿ
000000B8   FF   FF   FF   FF   FF   FF   FE   DC   ÿ ÿ ÿ ÿ ÿ ÿ þ Ü
000000C0   BA   98   76   54   32   10   FF   FF   º . v T 2 . ÿ ÿ
000000C8   FF   FF   BC   AD   DC   AA   FF   FF   ÿ ÿ ¼ - Ü ª ÿ ÿ
000000D0   FF   FF   FE   CA   DE   CA   FF   FF   ÿ ÿ þ Ê Þ Ê ÿ ÿ
000000D8   FF   FF   FE   FE   DC   AB   FF   FF   ÿ ÿ þ þ Ü « ÿ ÿ
000000E0   FF   FF   EE   ED   BA   CD   FF   FF   ÿ ÿ î í º Í ÿ ÿ
000000E8   FF   FF   FE   AC   DB   32   10   00   ÿ ÿ þ ¬ Û 2 . .
000000F0   00   00   FF   FF   FF   FF   FF   DF   . . ÿ ÿ ÿ ÿ ÿ ß
000000F8   C2   DA   FF   FF   FF   FF   FF   EF   Â Ú ÿ ÿ ÿ ÿ ÿ ï
00000100   DF   DF   FF   FF   FF   FF   42   41   ß ß ÿ ÿ ÿ ÿ B A
```

OK Cancel

Edit Binary Value

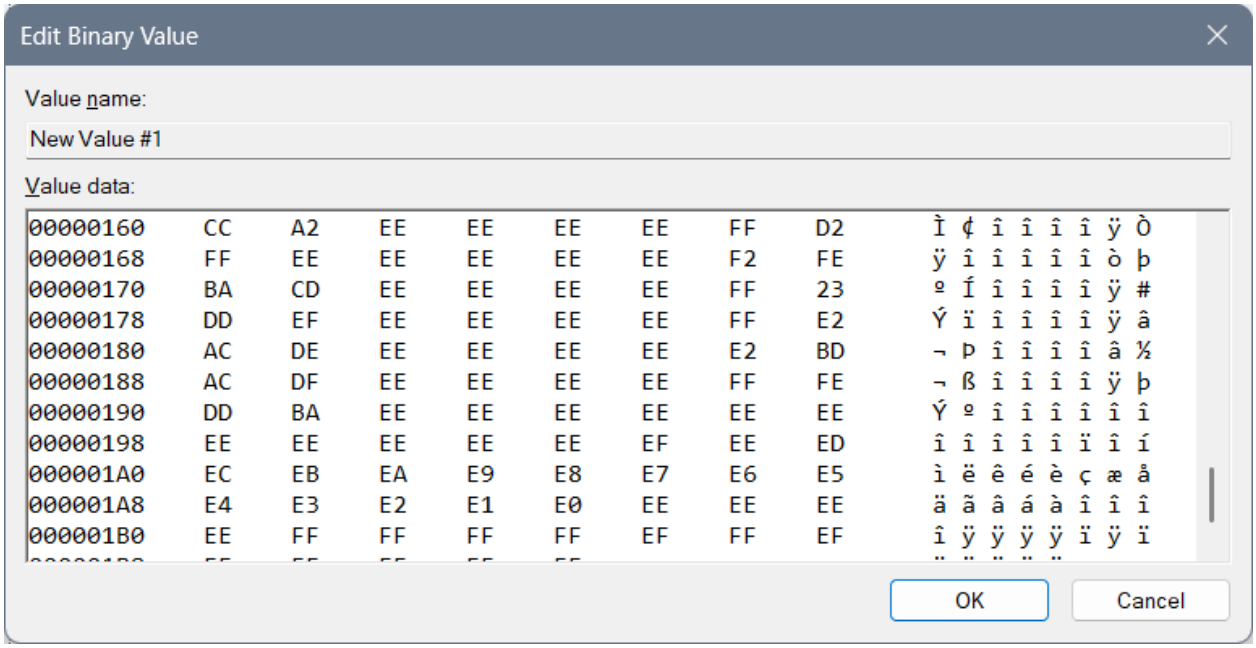
Value name:

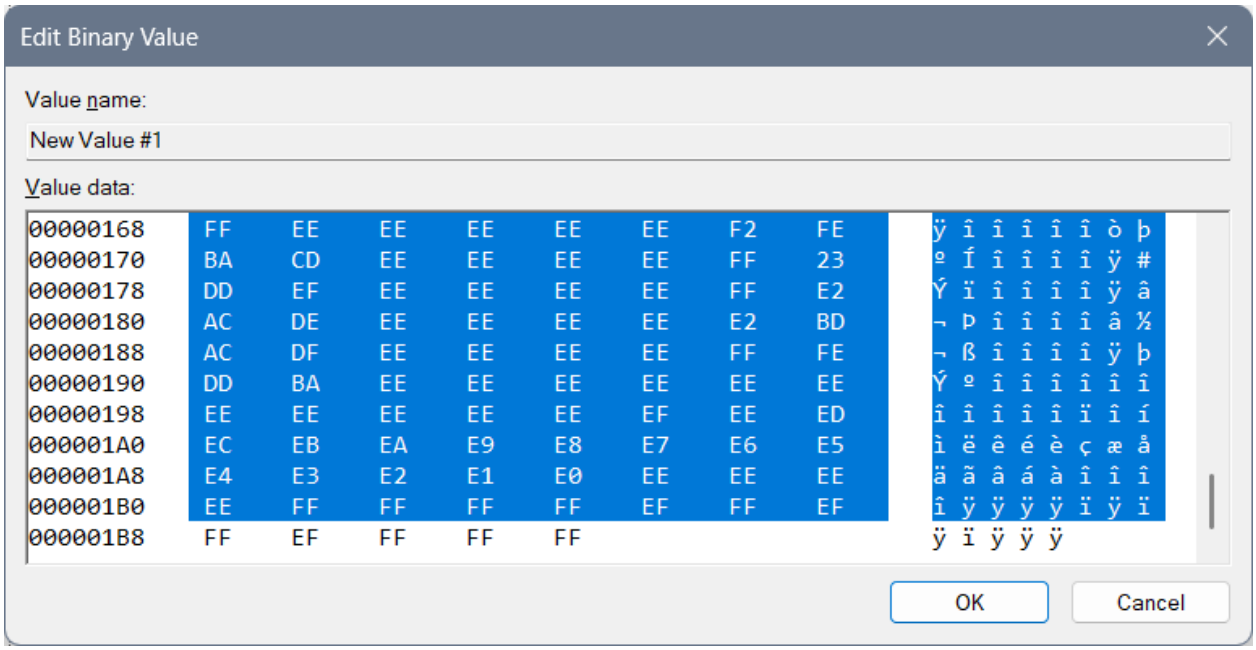
New Value #1

Value data:

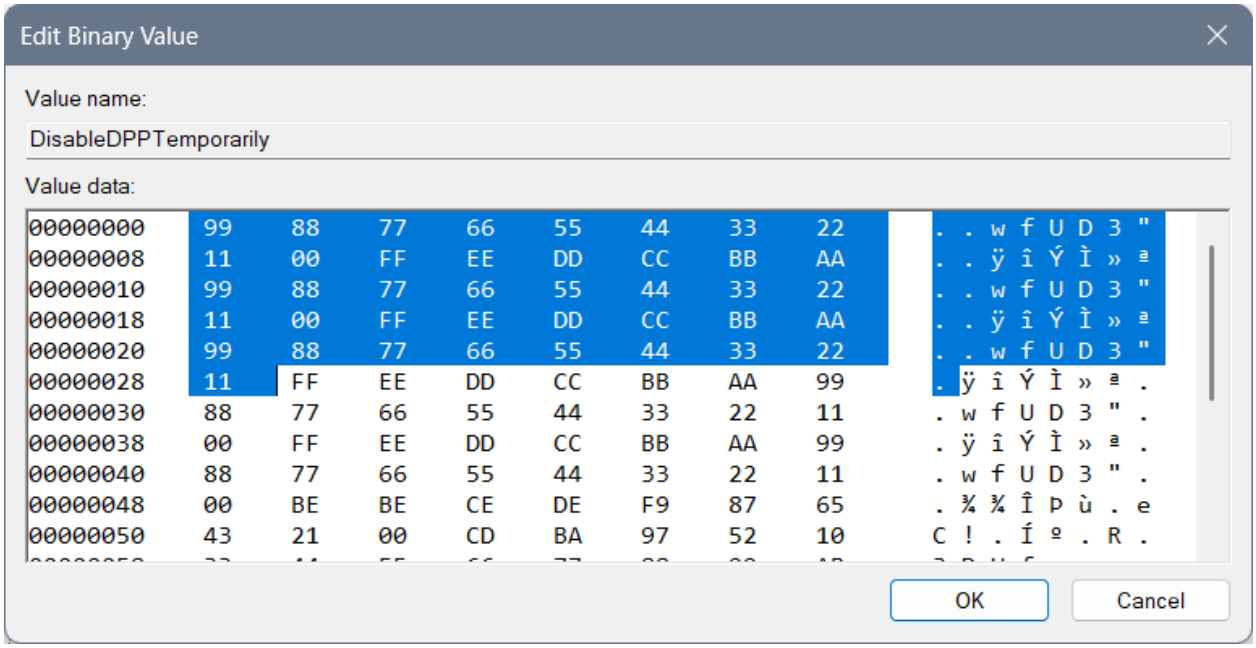
```
00000108   40   EF   FF   FF   FF   FF   B2   DC   @ ï ÿ ÿ ÿ ÿ ² Ü
00000110   A2   FF   FF   FF   FF   FF   D2   CD   ¢ ÿ ÿ ÿ ÿ ÿ Ò Í
00000118   F2   DF   FF   FF   FF   FF   FF   FF   ò ß ÿ ÿ ÿ ÿ ÿ ÿ
00000120   FF   FF   EF   EF   EF   A1   A4   A6   ÿ ÿ ï ï ï ¡ ¤ ¦
00000128   A8   AA   AA   AA   B0   BB   BB   BB   ¨ ª ª ª ° » » »
00000130   C3   CD   CD   CD   D4   D6   D8   EE   Ã Í Í Í Ô Ö Ø î
00000138   EE   EE   EF   EF   EF   EE   EE   EE   î î ï ï ï î î î
00000140   EE   EE   EE   EE   EE   EE   EF   2C   î î î î î î ï ,
00000148   DB   AF   EE   EE   EE   EE   F2   BD   Û ¯ î î î î ò ½
00000150   E2   FE   EE   EE   EE   EE   FD   AB   â þ î î î î ý «
00000158   FA   2F   EE   EE   EE   EE   DB   A2   ú / î î î î Û ¢
```

OK Cancel

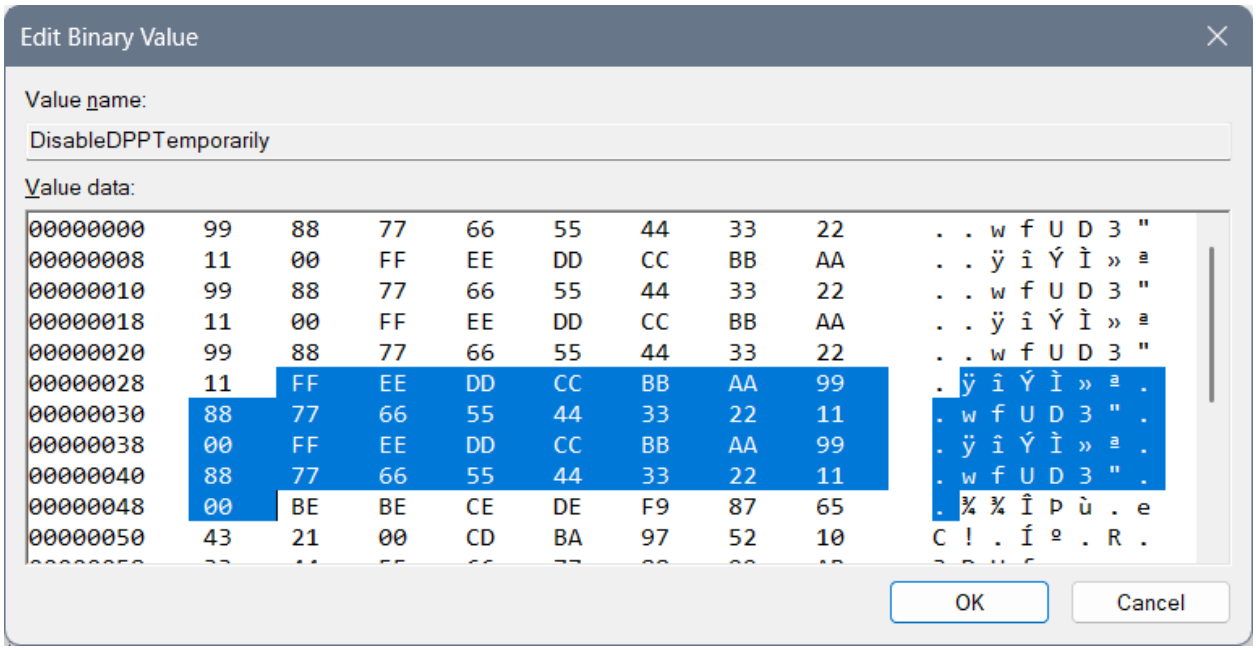




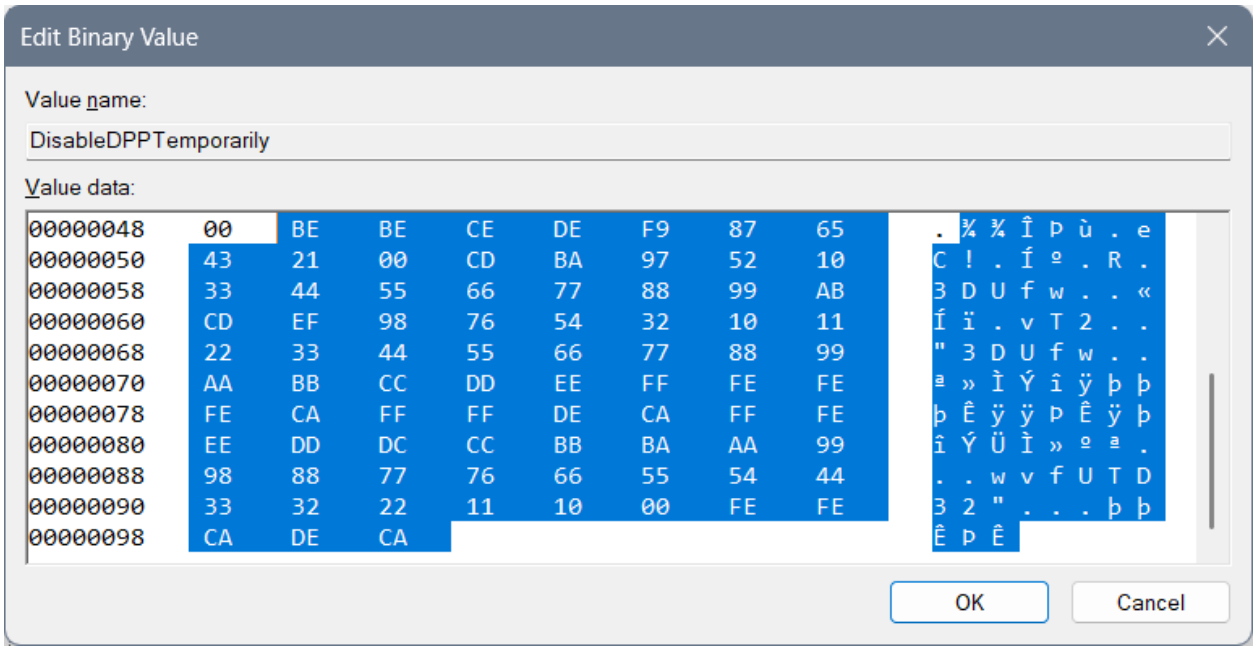
This code is based on some not fully made forbiddance (not fully made because it doesn't give any descriptions or advices) with an idea that we start from the greatest letter "F" and if we mix and code the code into the "Yrrygonallya" complex model as is meaningful model "cosmos" we can get "FF", then we want all the letters and numbers included so the first line of code is: "99 88 77 66 55 44 33 22 11 00 FF EE DD CC BB AA", and if we start with numbers in coded and mixed Yrrygonallya we would get police protection, then letters would give us army protection… Second repeating of that line of code would normalize the protection and third would bring it to life…



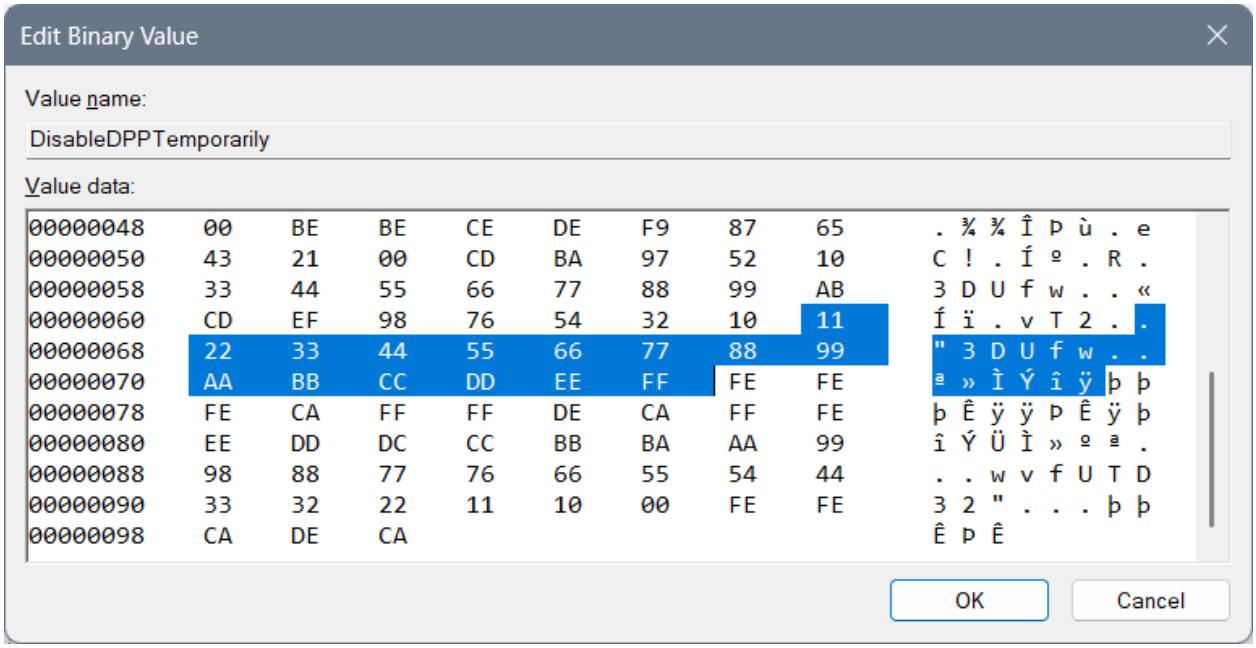
Then we have the reducing of the protection to a regular level with these lines of code:



The next lines of code rarely few will understand, maybe even me…



"BE" is "yrrygonall" (cosmos jokes left for the marks of meaning of something) code of the display for where we have been and what we have done… Double that would require a next chapter of code (so double that is prolonging of code) and if fully Hexa coded word fits into "Yrrygonallya" then after "BE BE" we would need to finish (as something that has been repeating – fractal, that fits into a particular model – for example "Yrrygonallya" or much simpler and better to understand "cosmos") – "CE DE" which would mean extra complexing of the ban and the "descriptions to come" of those cosmos jokes appearing on the screen… "F9 87 65 43 21 00" would represent complexing of the data on the extreme level, so when we think on the level of imagining as much as we can achieve with our thought that much cosmos jokes would appear of what has been happening with us… "CD BA 97 52 10" represents how much we need and it says we need all of the data… You will find the name of the file "DPPT" – which by coding and mixing of the word and after playing with "Yrrygonallya" model and "fractal to cosmos" idea – we can find out that probably our data is complexed thanks to the previous code we had and after the "BE BE CE DE F9 87 65 43 21 00" if we connect what is there repeating of a single hexa digit as is for example "0" – "1", and implement that into the "CD BA" we would get the vertical rectangle with the data included as is: "97 52 10" meaning: "only necessary data to appear, in short sentences that are complete"… That Extrapollation of the data we would get with increasing the:



After that I have typed a complete and most complex ban of that data: “FE FE FE CA”, and allowing of the data: “FF FF DE CA”… “FFF EEE DDD CCC BBB AAA 999 888 777 666 555 444 333 222 1111 000” relies on complexing the need of the data showing and the variety of an ideas for the data to appear thanks to how we are feeling… “FE FE CA DE CA” has something to do with 3DLUT and it is connection part to the complexed data in between “3DLUT” and the “DPPT”…

From Cosmos History “Mergallyezzerrye” named being (belonging to DezAllystawrya model for beings) coding involves coding all files into the scheme of code, how only computer knows to get a real result… That idea “How computer knows” is named “Berslanderr” coding… “Berslanderr” is a name of “NaxAllystawrya” being that was thinking about the idea how all files can be connected all together by implementing a coding algorithm to connect all files and even for a computer to have an idea of implementing files for which particular devices don’t have a written specification…

Mergallyzzarye code connects the data all together – one file with another where one file is coded by implementing the extrapolation of the hex values from “0” to “F” and getting full word of 8 hex values, and all those files together in the end need to make sense…

Boffer code – is for how coded the code is – 8 times “FF” for the stopping of the device, 4 times “FF” in between the “density lines” – the meaningful part of the code… Effer code – represents the values that are “spinning in circle” – and are used to get extrapolation of the data that comes to our mind… Deffer code is there to explain everything and to give a meaning to hex values, hex files and is even able to create the new files and implement them into a code (here “Registry editor”) even if those files are not planned… Noffer code is there to represent the connection even in between the stopping code and the values in between, and

in between the mixure of 3D ideas of the files where we mix both of the hex values of one file with another to get the idea of the 3D image…

To be honest that 3D image is there to represent cosmos joke that we can see on the display or the one that we can learn intuitively. The point is that those things we are doing, we can pull from the smart system and we can learn them efficiently… The system doesn't need to be enabled at all, but by the regulations of the design we are there to at least learn to behave the way the design is requiring...

3DLUT settings are:

- "EnableHardware3DLUT" setting should be in the correlation with the ending of the file "DPPT" and those 2 codes should somehow represent life…

Name	Type	Data
(Default)	REG_SZ	(value not set)
DisableDPPTemporarily	REG_BINARY	f0 dd a0 63 47 02 00 00 80 35 b6 61 47 02 00 00
EnableHardware3DLUT	REG_DWORD	0xf2decdef (4074687983)
Global	REG_BINARY	fa bd cd fc de ff ff ff ff ee ee ee ee ee ee ee
GlobalN	REG_BINARY	ff 2f fd ce ff ff ff ff ee ee ee ee ee ee ee ee

Previous not pleasing values ideas:

Name	Type	Data
(Default)	REG_SZ	(value not set)
DisableDPPTemporarily	REG_BINARY	00 00 00 00
EnableHardware3DLUT	REG_DWORD	0x43210567 (1126237543)

Name	Type	Data
(Default)	REG_SZ	(value not set)
DisableDPPTemporarily	REG_BINARY	77 00 77 00
EnableHardware3DLUT	REG_DWORD	0x00003210 (12816)

DWORD: "EnableHardware3DLUT":

- For underworld codes which are maybe only for the environment around you: 43210567
- Life with begging: 56710234
- For 3D feeling for no reason: 22224411
- Fine for work: 75692320
- For shutting down the wrong things: 3210
- For turning on the thinking idea: 6543210

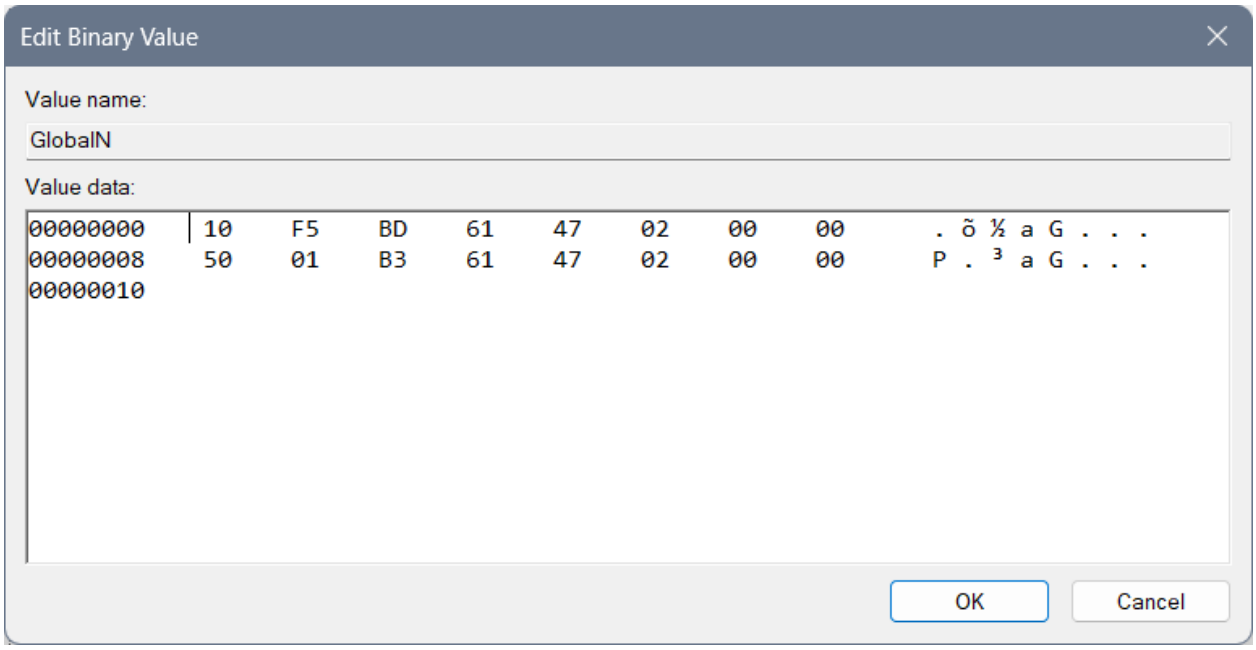
- For necessary: 43210
- Night light: Ban, fun, entertainment: 23153021
- Night light: Life: fdbacdaf
- No Exit: 0xaaaaaaa0

Interesting undefined ideas for the 3DLUT settings are:

- cdafccfc
- 23153021
- bebeca
- cebebeca
- cacabeca
- ffffedca
- Complexed: decabeca
- Fbacdfaf
- fffedbca
- fbacdfaf
- ff2a4cdf

New keys

Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Intel\IGFX\DPPT



Post scriptum

Here you can find my previous, not well made, settings of the address:

- Computer\HKEY_CURRENT_USER\Software\Intel\Display\igfxcui\Media

You can look at these images down below just for informational purposes…

Name	Type	Data
(Default)	REG_SZ	(value not set)
AceLevel	REG_DWORD	0xffffedbc (4294962620)
EnableACE	REG_DWORD	0xffffedbc (4294962620)
EnableFMD	REG_DWORD	0xffffedbc (4294962620)
EnableIS	REG_DWORD	0xffffedbc (4294962620)
EnableNLAS	REG_DWORD	0xffffedbc (4294962620)
EnableSTE	REG_DWORD	0xffffedbc (4294962620)
EnableSuperResolution	REG_DWORD	0xffffedbc (4294962620)
EnableTCC	REG_DWORD	0xffffedbc (4294962620)
GCompMode	REG_DWORD	0x4444dbed (1145363437)
GExpMode	REG_DWORD	0x999fedbd (2577395133)
InputYUVRange	REG_DWORD	0xfffff123 (4294963491)
NLASHLinearRegion	REG_DWORD	0xeffffffe (4026531838)
NLASNonLinearCrop	REG_DWORD	0xfeeeeeef (4277071599)
NLASVerticalCrop	REG_DWORD	0xfeeffeef (4277141231)
NoiseReductionAutoDetectEnabledAlways	REG_DWORD	0xffbecaaa (4290693802)
NoiseReductionEnableChroma	REG_DWORD	0xfffeeeee (4294897390)
NoiseReductionEnabledAlways	REG_DWORD	0xfffeeeee (4294897390)
NoiseReductionFactor	REG_DWORD	0xabc987ef (2882111471)
ProcAmpApplyAlways	REG_DWORD	0xfeefdabd (4277131965)
ProcAmpBrightness	REG_DWORD	0xfeefdabd (4277131965)
ProcAmpContrast	REG_DWORD	0xfeefdabd (4277131965)
ProcAmpHue	REG_DWORD	0xfeefdabd (4277131965)
ProcAmpSaturation	REG_DWORD	0xfeefdabd (4277131965)
SatFactorBlue	REG_DWORD	0xeeeddfff (4008566783)
SatFactorCyan	REG_DWORD	0xeeeddfff (4008566783)
SatFactorGreen	REG_DWORD	0xeeeddfff (4008566783)
SatFactorMagenta	REG_DWORD	0xeeeddfff (4008566783)
SatFactorRed	REG_DWORD	0xeeeddfff (4008566783)
SatFactorYellow	REG_DWORD	0xeeeddfff (4008566783)
SharpnessEnabledAlways	REG_DWORD	0xdecaffff (3737845759)
SharpnessFactor	REG_DWORD	0xfabecaff (4206807807)
SkinTone	REG_DWORD	0xcefdecaf (3472747695)
SuperResolutionEnabled	REG_DWORD	0xbffaceff (3220885247)
SuperResolutionMode	REG_DWORD	0xdecadeca (3737837258)
UISharpnessOptimalEnabledAlways	REG_DWORD	0xaddeefff (2917068799)

Name	Type	Data
(Default)	REG_SZ	(value not set)
AceLevel	REG_DWORD	0x92715432 (2456900658)
EnableACE	REG_DWORD	0x92715432 (2456900658)
EnableFMD	REG_DWORD	0x92715432 (2456900658)
EnableIS	REG_DWORD	0x92715432 (2456900658)
EnableNLAS	REG_DWORD	0x92715432 (2456900658)
EnableSTE	REG_DWORD	0x92715432 (2456900658)
EnableSuperResolution	REG_DWORD	0xdfeabcd9 (3756702937)
EnableTCC	REG_DWORD	0x43bdcecf (1136512719)
GCompMode	REG_DWORD	0x92715432 (2456900658)
GExpMode	REG_DWORD	0x92715432 (2456900658)
InputYUVRange	REG_DWORD	0xffffffff (4294967295)
NLASHLinearRegion	REG_DWORD	0xffffffff (4294967295)
NLASNonLinearCrop	REG_DWORD	0x00000000 (0)
NLASVerticalCrop	REG_DWORD	0x00000000 (0)
NoiseReductionAutoDetectEnabledAlways	REG_DWORD	0xffffffff (4294967295)
NoiseReductionEnableChroma	REG_DWORD	0xffffffff (4294967295)
NoiseReductionEnabledAlways	REG_DWORD	0xffffffff (4294967295)
NoiseReductionFactor	REG_DWORD	0xffffffff (4294967295)
ProcAmpApplyAlways	REG_DWORD	0xfafbdcfe (4210810110)
ProcAmpBrightness	REG_DWORD	0xfeeeeeef (4277071599)
ProcAmpContrast	REG_DWORD	0xfeeeeeef (4277071599)
ProcAmpHue	REG_DWORD	0xfeeeeeef (4277071599)
ProcAmpSaturation	REG_DWORD	0xfeeeeeef (4277071599)
SatFactorBlue	REG_DWORD	0x000000a0 (160)
SatFactorCyan	REG_DWORD	0x000000a0 (160)
SatFactorGreen	REG_DWORD	0x000000a0 (160)
SatFactorMagenta	REG_DWORD	0x000000a0 (160)
SatFactorRed	REG_DWORD	0x000000a0 (160)
SatFactorYellow	REG_DWORD	0x000000a0 (160)
SharpnessEnabledAlways	REG_DWORD	0x77777777 (2004318071)
SharpnessFactor	REG_DWORD	0x123da230 (306029104)
SkinTone	REG_DWORD	0xdc321043 (3694268483)
SuperResolutionEnabled	REG_DWORD	0xf2da4fed (4074393581)
SuperResolutionMode	REG_DWORD	0xfead0321 (4272751393)
UISharpnessOptimalEnabledAlways	REG_DWORD	0xfedafdaf (4275764655)

Name	Type	Data
(Default)	REG_SZ	(value not set)
AceLevel	REG_DWORD	0x92715432 (2456900658)
EnableACE	REG_DWORD	0x92715432 (2456900658)
EnableFMD	REG_DWORD	0x92715432 (2456900658)
EnableIS	REG_DWORD	0x92715432 (2456900658)
EnableNLAS	REG_DWORD	0x92715432 (2456900658)
EnableSTE	REG_DWORD	0x92715432 (2456900658)
EnableSuperResolution	REG_DWORD	0xdfeabcd9 (3756702937)
EnableTCC	REG_DWORD	0x43bdcecf (1136512719)
GCompMode	REG_DWORD	0x92715432 (2456900658)
GExpMode	REG_DWORD	0x92715432 (2456900658)
InputYUVRange	REG_DWORD	0xffffffff (4294967295)
NLASHLinearRegion	REG_DWORD	0xffffffff (4294967295)
NLASNonLinearCrop	REG_DWORD	0x00000000 (0)
NLASVerticalCrop	REG_DWORD	0x00000000 (0)
NoiseReductionAutoDetectEnabl...	REG_DWORD	0xffffffff (4294967295)
NoiseReductionEnableChroma	REG_DWORD	0xffffffff (4294967295)
NoiseReductionEnabledAlways	REG_DWORD	0xffffffff (4294967295)
NoiseReductionFactor	REG_DWORD	0xffffffff (4294967295)
ProcAmpApplyAlways	REG_DWORD	0xfafbdcfe (4210810110)
ProcAmpBrightness	REG_DWORD	0xfeeeeeef (4277071599)
ProcAmpContrast	REG_DWORD	0xfeeeeeef (4277071599)
ProcAmpHue	REG_DWORD	0xfeeeeeef (4277071599)
ProcAmpSaturation	REG_DWORD	0xfeeeeeef (4277071599)
SatFactorBlue	REG_DWORD	0x000000a0 (160)
SatFactorCyan	REG_DWORD	0x000000a0 (160)
SatFactorGreen	REG_DWORD	0x000000a0 (160)
SatFactorMagenta	REG_DWORD	0x000000a0 (160)
SatFactorRed	REG_DWORD	0x000000a0 (160)
SatFactorYellow	REG_DWORD	0x000000a0 (160)
SharpnessEnabledAlways	REG_DWORD	0x77777777 (2004318071)
SharpnessFactor	REG_DWORD	0x123da230 (306029104)
SkinTone	REG_DWORD	0xdc321043 (3694268483)
SuperResolutionEnabled	REG_DWORD	0xf2da4fed (4074393581)
SuperResolutionMode	REG_DWORD	0xfead0321 (4272751393)
UISharpnessOptimalEnabledAlwa...	REG_DWORD	0xfedafdaf (4275764655)

Name	Type	Data
(Default)	REG_SZ	(value not set)
AceLevel	REG_DWORD	0x92715432 (2456900658)
EnableACE	REG_DWORD	0x92715432 (2456900658)
EnableFMD	REG_DWORD	0x92715432 (2456900658)
EnableIS	REG_DWORD	0x92715432 (2456900658)
EnableNLAS	REG_DWORD	0x92715432 (2456900658)
EnableSTE	REG_DWORD	0x92715432 (2456900658)
EnableSuperResolution	REG_DWORD	0xdfeabcd9 (3756702937)
EnableTCC	REG_DWORD	0x43bdcecf (1136512719)
GCompMode	REG_DWORD	0x92715432 (2456900658)
GExpMode	REG_DWORD	0x92715432 (2456900658)
InputYUVRange	REG_DWORD	0xffffffff (4294967295)
NLASHLinearRegion	REG_DWORD	0xffffffff (4294967295)
NLASNonLinearCrop	REG_DWORD	0x00000000 (0)
NLASVerticalCrop	REG_DWORD	0x00000000 (0)
NoiseReductionAutoDetectEnabl...	REG_DWORD	0xffffffff (4294967295)
NoiseReductionEnableChroma	REG_DWORD	0xffffffff (4294967295)
NoiseReductionEnabledAlways	REG_DWORD	0xffffffff (4294967295)
NoiseReductionFactor	REG_DWORD	0xffffffff (4294967295)
ProcAmpApplyAlways	REG_DWORD	0xfafbdcfe (4210810110)
ProcAmpBrightness	REG_DWORD	0xfeeeeeef (4277071599)
ProcAmpContrast	REG_DWORD	0xfeeeeeef (4277071599)
ProcAmpHue	REG_DWORD	0xfeeeeeef (4277071599)
ProcAmpSaturation	REG_DWORD	0xfeeeeeef (4277071599)
SatFactorBlue	REG_DWORD	0x000000a0 (160)
SatFactorCyan	REG_DWORD	0x000000a0 (160)
SatFactorGreen	REG_DWORD	0x000000a0 (160)
SatFactorMagenta	REG_DWORD	0x000000a0 (160)
SatFactorRed	REG_DWORD	0x000000a0 (160)
SatFactorYellow	REG_DWORD	0x000000a0 (160)
SharpnessEnabledAlways	REG_DWORD	0x77777777 (2004318071)
SharpnessFactor	REG_DWORD	0x123da230 (306029104)
SkinTone	REG_DWORD	0xdc321043 (3694268483)
SuperResolutionEnabled	REG_DWORD	0xf2da4fed (4074393581)
SuperResolutionMode	REG_DWORD	0xfead0321 (4272751393)
UISharpnessOptimalEnabledAlwa...	REG_DWORD	0xfedafdaf (4275764655)

Name	Type	Data
(Default)	REG_SZ	(value not set)
AceLevel	REG_DWORD	0x43bdcecf (1136512719)
EnableACE	REG_DWORD	0x43bdcecf (1136512719)
EnableFMD	REG_DWORD	0x43bdcecf (1136512719)
EnableIS	REG_DWORD	0x43bdcecf (1136512719)
EnableNLAS	REG_DWORD	0x43bdcecf (1136512719)
EnableSTE	REG_DWORD	0x43bdcecf (1136512719)
EnableSuperResolution	REG_DWORD	0xdfeabcd9 (3756702937)
EnableTCC	REG_DWORD	0x43bdcecf (1136512719)
GCompMode	REG_DWORD	0x43bdcecf (1136512719)
GExpMode	REG_DWORD	0xdfebdfeb (3756777451)
InputYUVRange	REG_DWORD	0xffffffff (4294967295)
NLASHLinearRegion	REG_DWORD	0xffffffff (4294967295)
NLASNonLinearCrop	REG_DWORD	0x00000000 (0)
NLASVerticalCrop	REG_DWORD	0x00000000 (0)
NoiseReductionAutoDetectEnabl...	REG_DWORD	0xffffffff (4294967295)
NoiseReductionEnableChroma	REG_DWORD	0xffffffff (4294967295)
NoiseReductionEnabledAlways	REG_DWORD	0xffffffff (4294967295)
NoiseReductionFactor	REG_DWORD	0xffffffff (4294967295)
ProcAmpApplyAlways	REG_DWORD	0xfafbdcfe (4210810110)
ProcAmpBrightness	REG_DWORD	0xfeeeeeef (4277071599)
ProcAmpContrast	REG_DWORD	0xfeeeeeef (4277071599)
ProcAmpHue	REG_DWORD	0xfeeeeeef (4277071599)
ProcAmpSaturation	REG_DWORD	0xfeeeeeef (4277071599)
SatFactorBlue	REG_DWORD	0x000000a0 (160)
SatFactorCyan	REG_DWORD	0x000000a0 (160)
SatFactorGreen	REG_DWORD	0x000000a0 (160)
SatFactorMagenta	REG_DWORD	0x000000a0 (160)
SatFactorRed	REG_DWORD	0x000000a0 (160)
SatFactorYellow	REG_DWORD	0x000000a0 (160)
SharpnessEnabledAlways	REG_DWORD	0x77777777 (2004318071)
SharpnessFactor	REG_DWORD	0x123da230 (306029104)
SkinTone	REG_DWORD	0xfedc3217 (4275843607)
SuperResolutionEnabled	REG_DWORD	0xf2da4fed (4074393581)
SuperResolutionMode	REG_DWORD	0xfead0321 (4272751393)
UISharpnessOptimalEnabledAlwa...	REG_DWORD	0xfedafdaf (4275764655)

Name	Type	Data
(Default)	REG_SZ	(value not set)
AceLevel	REG_DWORD	0xfcfcfcfc (4244438268)
EnableACE	REG_DWORD	0xfcfcfcfc (4244438268)
EnableFMD	REG_DWORD	0xfcfcfcfc (4244438268)
EnableIS	REG_DWORD	0xfcfcfcfc (4244438268)
EnableNLAS	REG_DWORD	0xfcfcfcfc (4244438268)
EnableSTE	REG_DWORD	0xfcfcfcfc (4244438268)
EnableSuperResolution	REG_DWORD	0xdfeabcd9 (3756702937)
EnableTCC	REG_DWORD	0xfcfcfcfc (4244438268)
GCompMode	REG_DWORD	0xcccccccc (3435973836)
GExpMode	REG_DWORD	0xffffffff (4294967295)
InputYUVRange	REG_DWORD	0xffffffff (4294967295)
NLASHLinearRegion	REG_DWORD	0xffffffff (4294967295)
NLASNonLinearCrop	REG_DWORD	0x00000000 (0)
NLASVerticalCrop	REG_DWORD	0x00000000 (0)
NoiseReductionAutoDetectEnabl...	REG_DWORD	0xffffffff (4294967295)
NoiseReductionEnableChroma	REG_DWORD	0xffffffff (4294967295)
NoiseReductionEnabledAlways	REG_DWORD	0xffffffff (4294967295)
NoiseReductionFactor	REG_DWORD	0xffffffff (4294967295)
ProcAmpApplyAlways	REG_DWORD	0xfafbdcfe (4210810110)
ProcAmpBrightness	REG_DWORD	0xfeeeeeef (4277071599)
ProcAmpContrast	REG_DWORD	0xfeeeeeef (4277071599)
ProcAmpHue	REG_DWORD	0xfeeeeeef (4277071599)
ProcAmpSaturation	REG_DWORD	0xfeeeeeef (4277071599)
SatFactorBlue	REG_DWORD	0x000000a0 (160)
SatFactorCyan	REG_DWORD	0x000000a0 (160)
SatFactorGreen	REG_DWORD	0x000000a0 (160)
SatFactorMagenta	REG_DWORD	0x000000a0 (160)
SatFactorRed	REG_DWORD	0x000000a0 (160)
SatFactorYellow	REG_DWORD	0x000000a0 (160)
SharpnessEnabledAlways	REG_DWORD	0x77777777 (2004318071)
SharpnessFactor	REG_DWORD	0x123da230 (306029104)
SkinTone	REG_DWORD	0xfedc3210 (4275843600)
SuperResolutionEnabled	REG_DWORD	0xf2da4fed (4074393581)
SuperResolutionMode	REG_DWORD	0xfead0321 (4272751393)
UISharpnessOptimalEnabledAlwa...	REG_DWORD	0xfedafdaf (4275764655)

Name	Type	Data
(Default)	REG_SZ	(value not set)
AceLevel	REG_DWORD	0xacacacac (2896997548)
EnableACE	REG_DWORD	0xacacacac (2896997548)
EnableFMD	REG_DWORD	0xacacacac (2896997548)
EnableIS	REG_DWORD	0xacacacac (2896997548)
EnableNLAS	REG_DWORD	0xacacacac (2896997548)
EnableSTE	REG_DWORD	0xacacacac (2896997548)
EnableSuperResolution	REG_DWORD	0xdfeabcd9 (3756702937)
EnableTCC	REG_DWORD	0xacacacac (2896997548)
GCompMode	REG_DWORD	0xcccccccc (3435973836)
GExpMode	REG_DWORD	0xaaaaaaaa (2863311530)
InputYUVRange	REG_DWORD	0xffffffff (4294967295)
NLASHLinearRegion	REG_DWORD	0xffffffff (4294967295)
NLASNonLinearCrop	REG_DWORD	0x00000000 (0)
NLASVerticalCrop	REG_DWORD	0x00000000 (0)
NoiseReductionAutoDetectEnabl...	REG_DWORD	0xffffffff (4294967295)
NoiseReductionEnableChroma	REG_DWORD	0xffffffff (4294967295)
NoiseReductionEnabledAlways	REG_DWORD	0xffffffff (4294967295)
NoiseReductionFactor	REG_DWORD	0xffffffff (4294967295)
ProcAmpApplyAlways	REG_DWORD	0xfafbdcfe (4210810110)
ProcAmpBrightness	REG_DWORD	0xfeeeeeef (4277071599)
ProcAmpContrast	REG_DWORD	0xfeeeeeef (4277071599)
ProcAmpHue	REG_DWORD	0xfeeeeeef (4277071599)
ProcAmpSaturation	REG_DWORD	0xfeeeeeef (4277071599)
SatFactorBlue	REG_DWORD	0x000000a0 (160)
SatFactorCyan	REG_DWORD	0x000000a0 (160)
SatFactorGreen	REG_DWORD	0x000000a0 (160)
SatFactorMagenta	REG_DWORD	0x000000a0 (160)
SatFactorRed	REG_DWORD	0x000000a0 (160)
SatFactorYellow	REG_DWORD	0x000000a0 (160)
SharpnessEnabledAlways	REG_DWORD	0x77777777 (2004318071)
SharpnessFactor	REG_DWORD	0x123da230 (306029104)
SkinTone	REG_DWORD	0xfedc3210 (4275843600)
SuperResolutionEnabled	REG_DWORD	0xf2da4fed (4074393581)
SuperResolutionMode	REG_DWORD	0xfead0321 (4272751393)
UISharpnessOptimalEnabledAlwa...	REG_DWORD	0xfedafdaf (4275764655)

Name	Type	Data
(Default)	REG_SZ	(value not set)
AceLevel	REG_DWORD	0xeeeeeeee (4008636142)
EnableACE	REG_DWORD	0xfefefefe (4278124286)
EnableFMD	REG_DWORD	0xfefefefe (4278124286)
EnableIS	REG_DWORD	0xfefefefe (4278124286)
EnableNLAS	REG_DWORD	0xfefefefe (4278124286)
EnableSTE	REG_DWORD	0xfefefefe (4278124286)
EnableSuperResolu...	REG_DWORD	0x12345678 (305419896)
EnableTCC	REG_DWORD	0xfefefefe (4278124286)
GCompMode	REG_DWORD	0xfefefefe (4278124286)
GExpMode	REG_DWORD	0xfefefefe (4278124286)
InputYUVRange	REG_DWORD	0xffffffff (4294967295)
NLASHLinearRegion	REG_DWORD	0xffffffff (4294967295)
NLASNonLinearCrop	REG_DWORD	0x00000000 (0)
NLASVerticalCrop	REG_DWORD	0x00000000 (0)
NoiseReductionAut...	REG_DWORD	0xffffffff (4294967295)
NoiseReductionEna...	REG_DWORD	0xffffffff (4294967295)
NoiseReductionEna...	REG_DWORD	0xffffffff (4294967295)
NoiseReductionFac...	REG_DWORD	0xffffffff (4294967295)
ProcAmpApplyAlw...	REG_DWORD	0xfafbdcfe (4210810110)
ProcAmpBrightness	REG_DWORD	0x22222222 (572662306)
ProcAmpContrast	REG_DWORD	0xffffffff (4294967295)
ProcAmpHue	REG_DWORD	0x33333333 (858993459)
ProcAmpSaturation	REG_DWORD	0xeeeeeeee (4008636142)
SatFactorBlue	REG_DWORD	0x000000a0 (160)
SatFactorCyan	REG_DWORD	0x000000a0 (160)
SatFactorGreen	REG_DWORD	0x000000a0 (160)
SatFactorMagenta	REG_DWORD	0x000000a0 (160)
SatFactorRed	REG_DWORD	0x000000a0 (160)
SatFactorYellow	REG_DWORD	0x000000a0 (160)
SharpnessEnabled...	REG_DWORD	0x77777777 (2004318071)
SharpnessFactor	REG_DWORD	0x123da230 (306029104)
SkinTone	REG_DWORD	0xfedc3210 (4275843600)
SuperResolutionEn...	REG_DWORD	0xdfceabfd (3754863613)
SuperResolutionM...	REG_DWORD	0xfead0321 (4272751393)
UISharpnessOptim...	REG_DWORD	0xfedafdaf (4275764655)

Name	Type	Data
(Default)	RE...	(value not set)
AceLevel	RE...	0xeeeeeeee (4008636142)
EnableACE	RE...	0xfefefefe (4278124286)
EnableFMD	RE...	0xfefefefe (4278124286)
EnableIS	RE...	0xfefefefe (4278124286)
EnableNLAS	RE...	0xfefefefe (4278124286)
EnableSTE	RE...	0xfefefefe (4278124286)
EnableSuperResolution	RE...	0x12345678 (305419896)
EnableTCC	RE...	0xfefefefe (4278124286)
GCompMode	RE...	0xfefefefe (4278124286)
GExpMode	RE...	0xfefefefe (4278124286)
InputYUVRange	RE...	0xffffffff (4294967295)
NLASHLinearRegion	RE...	0xffffffff (4294967295)
NLASNonLinearCrop	RE...	0x00000000 (0)
NLASVerticalCrop	RE...	0x00000000 (0)
NoiseReductionAutoDetectEnabledAlways	RE...	0xffffffff (4294967295)
NoiseReductionEnableChroma	RE...	0xffffffff (4294967295)
NoiseReductionEnabledAlways	RE...	0xffffffff (4294967295)
NoiseReductionFactor	RE...	0xffffffff (4294967295)
ProcAmpApplyAlways	RE...	0xfafbdcfe (4210810110)
ProcAmpBrightness	RE...	0x22222222 (572662306)
ProcAmpContrast	RE...	0xffffffff (4294967295)
ProcAmpHue	RE...	0x33333333 (858993459)
ProcAmpSaturation	RE...	0xeeeeeeee (4008636142)
SatFactorBlue	RE...	0x000000a0 (160)
SatFactorCyan	RE...	0x000000a0 (160)
SatFactorGreen	RE...	0x000000a0 (160)
SatFactorMagenta	RE...	0x000000a0 (160)
SatFactorRed	RE...	0x000000a0 (160)
SatFactorYellow	RE...	0x000000a0 (160)
SharpnessEnabledAlways	RE...	0x77777777 (2004318071)
SharpnessFactor	RE...	0x123da230 (306029104)
SkinTone	RE...	0xfedc3210 (4275843600)
SuperResolutionEnabled	RE...	0xf6f5f4f3 (4143314163)
SuperResolutionMode	RE...	0xfefefefe (4278124286)
UISharpnessOptimalEnabledAlways	RE...	0xfedafdaf (4275764655)

Name	Type	Data
(Default)	RE...	(value not set)
AceLevel	RE...	0xfefefefe (4278124286)
EnableACE	RE...	0xfefefefe (4278124286)
EnableFMD	RE...	0xfefefefe (4278124286)
EnableIS	RE...	0xfefefefe (4278124286)
EnableNLAS	RE...	0xfefefefe (4278124286)
EnableSTE	RE...	0xfefefefe (4278124286)
EnableSuperResolution	RE...	0xfefefefe (4278124286)
EnableTCC	RE...	0xfefefefe (4278124286)
GCompMode	RE...	0xfefefefe (4278124286)
GExpMode	RE...	0xfefefefe (4278124286)
InputYUVRange	RE...	0xffffffff (4294967295)
NLASHLinearRegion	RE...	0xffffffff (4294967295)
NLASNonLinearCrop	RE...	0x00000000 (0)
NLASVerticalCrop	RE...	0x00000000 (0)
NoiseReductionAutoDetectEnabledAlways	RE...	0x00000001 (1)
NoiseReductionEnableChroma	RE...	0x00000001 (1)
NoiseReductionEnabledAlways	RE...	0x00000001 (1)
NoiseReductionFactor	RE...	0xffffffff (4294967295)
ProcAmpApplyAlways	RE...	0x00000000 (0)
ProcAmpBrightness	RE...	0x00000000 (0)
ProcAmpContrast	RE...	0x3f800000 (1065353216)
ProcAmpHue	RE...	0x00000000 (0)
ProcAmpSaturation	RE...	0x3f800000 (1065353216)
SatFactorBlue	RE...	0x000000a0 (160)
SatFactorCyan	RE...	0x000000a0 (160)
SatFactorGreen	RE...	0x000000a0 (160)
SatFactorMagenta	RE...	0x000000a0 (160)
SatFactorRed	RE...	0x000000a0 (160)
SatFactorYellow	RE...	0x000000a0 (160)
SharpnessEnabledAlways	RE...	0x00000001 (1)
SharpnessFactor	RE...	0x123da230 (306029104)
SkinTone	RE...	0xfedc3210 (4275843600)
SuperResolutionEnabled	RE...	0xf2da4fed (4074393581)
SuperResolutionMode	RE...	0x324defdf (843968479)
UISharpnessOptimalEnabledAlways	RE...	0x00000001 (1)

Special thanks

Special thanks to the Cosmos joke of the creator which represents ExollynyStawrya (belonging to AllyStawrya beings) greatest thinker named “Razymodu”…

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