SLI Application Profiles: How to Guide

NVIDIA SLI application Profiles using Coolbits*:

NVIDIA has created an extensive set of optimized application profiles which enable games to run automatically and optimally in SLI mode. There are currently over 260 of these <u>NVIDIA</u> <u>pre-defined profiles</u>. These games run in SLI mode out-of-the-box with no action required from end-users.

For games without a pre-defined profile, NVIDIA allows customers to create their own SLI application profiles:

Step 1. Open the NVIDIA Control Panel by right-clicking on the desktop and selecting 'NVIDIA Control Panel'

Step 2. Select '3D Settings'



Step 3. Select 'Manage 3D Settings'



Step 4. Click 'Add'

	reate overrides for specific programs. The overrid	des v
uld like to use the following 3D setting	8:	
. Select a program to override:		
Program	e de la companya de la	^
1944 Battle for the Bulge 3DMark01 (3DMark2001.exe) 3DMark01 (3DMark2001SE.exe) 3DMark03 (3DMark03.exe)		~
2. Specify the settings:	Add Remove	e
2. Specify the settings: Feature	Add Remove	•
2. Specify the settings: Feature Anisotropic filtering	Add Remove Setting Use global setting (Application-controlled)	•
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Specify the settings: Feature Anisotropic filtering Anisotropic optimization Anisotropic sample optimization	Add Remove Setting Use global setting (Application-controlled) Use global setting (Off) Use global setting (On)	
Specify the settings: Feature Anisotropic filtering Anisotropic optimization Anisotropic sample optimization Antialiasing settings	Add Remove Setting Use global setting (Application-controlled) Use global setting (Off) Use global setting (On) Use global setting (Application-controlled)	

Manage 3D Settings Control Panel Categories - 3D Setting

Step 5. Locate the executable file on your computer for the application you wish to create the profile for. The profile will be added to the list. In the example "NewGame.exe"

You can change the global 3D settings a	nd create overrides for specific programs. The overrides w
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. Select a program to override:	
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Neverwinter Nights	
NewGame.exe	53 B
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Feature Anisotropic filtering Anisotropic optimization	Setting View Setting (Application-controlled) Use global setting (Off)
Feature Anisotropic filtering Anisotropic optimization Anisotropic sample optimization	Use global setting (Application-controlled) Use global setting (Off) Use global setting (On)

Step 6. Select your preferred SLI performance mode or SLI antialiasing mode. Besides 'Single-GPU', there are three performance modes to choose from:

Split frame rendering Alternate frame rendering 1 Alternate frame rendering 2*

*Alternate frame rendering 2 is an alternate version of AFR that may provide better performance than AFR 1 on some applications

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2. Specity the settings:	Setting	~
Image settings	Use global setting (Quality)	
Negative LOD bias	Use global setting (Off)	
SLI performance mode	Force alternate frame rendering 1	
Transparency antialiasing	Use global setting (Single-GPU)	
C	Force alternate frame rendering 1 Force alternate frame rendering 2	

You also have the option to choose an SLI antialiasing mode instead of an SLI performance mode. If you do so, the SLI performance mode will be disabled. The SLI antialiasing modes can be found under 'Antialiasing settings'

Step 7. Click "Apply" and your new SLI Application Profile is ready for use!