

μ¥»+;°ïÖúÖ÷là;±¼´¿É³ðïÖ°ïÖúÖ÷làÁÐ±í;£

DirectX Öiŋŋi¹¼³⁴ß

Microsoft(R) DirectX(R) Öiŋŋi¹¼³⁴ßÄµµ°üÄ¨ÒÖiÄÖ÷là£º

- ¹ØÓÚ DirectX Öiŋŋi¹¼³⁴ß
- ×çÖâÉÁî
- ²âÉÖ DirectX ×é¼³
- É;´úÄ-ÉiÐÐi²
- »¹Öçŋŋi¹³iÐò
- ±f´æÐÁiç
- ±¨æiÉiâ

1ØÓÚ DirectX ÖïŋĪ¹π³⁄₄β

DirectX(R) ÖïŋĪ¹π³⁄₄βÓÃÓÚĪðÓÃ»§\á¹©ĪμĪ³ÖÐ Microsoft(R) DirectX ÓĪÓÃ³ĪÐð±à³Ī½Ó¿ÚᵠÍÇÝŋĪ³ĪÐðμÃÐÃĪç
£¬²çÄÛ¹»²âÊÔÉùððᵠÍ¼⁄⁄ΔĪÊä³ö;£Ī¬Ê±»¹¿ÉÒÓÃÓÚ½ûÓÃ³Ð©Ó²¼⁄⁄p¼⁄⁄ÓËÛ¹;ÄÛ;£

¿ÉÒÔÊ¹ÓÃ´Ê¹π³⁄₄βÊÔ¼⁄⁄ÐÃĪç£¬ÒÔ±äÔÚĪ´ðÖ§³Öμç»°Ê±Īá¹©, ØĪà¹Ø¼⁄⁄⁄⁄ÊðÊËÔ±£¬»¹¿ÉÒÔ±£
´æÊ¹ÓÃ, Ā¹π³⁄₄βÊÔ¼⁄⁄μ³⁄⁄μÃÐÃĪç²ç¹⁄²«ÆäÔ³Īùμ³⁄⁄μç×ÓÓÊ¹⁄⁄pÖÐ;£

ÐÃĪç·ÖŋĪàÒ³ĪÔÊ³⁄⁄;£Ê¹ÓÃÒÔĪÃ³ÖÖ·½, ´¿ÉÒÔ·Ô³£ᵠ

- μ×»÷²»Ī¬μÃŊĪĪ¿´Ī;£
- μ×»÷Ī°ĪÃÓ»Ô³;±°´Ã×;£
- μ±ÊäÊë½¹μä¼⁄⁄ÖÐÓÚÃ³, öŊĪĪ¿´ĪĪÊ±£¬¬°´Īð×ó¼⁄⁄ýĪ·¼⁄⁄ü»ðĪðÓ¼⁄⁄ýĪ·¼⁄⁄ü;£

×çÔâ

- ĪÔ¿´ÄÛ´æ´óÐ;Ö®ÀμÃÐÃĪç¿ÉÄÛËÇ½ûËÆÖμ;£

×çÒàÈĀî

Èç¹ùŌĒĎ DirectX Ó;ŌĀ³îĎðĒ±³õĭŌĭĒĭâ£→DirectX Ōĭŕĭ¹π^{3/4}ßĭÉŌŌ^oĭŌúĀúŌŌ³õ²úÉúĭĒĭĀĀ, ùŌ
ĭ;ĒĪĀĀæĒÇŌ»Đ©ĐèŌ^a×çŌâĀĪĒĭĀ£^o

▪ **DirectX ×é^{1/4}p°æ±^{3/4}ĭŌĭ;£ŌŪ;** DirectX ĪĀ^{1/4}pĭ±Ō³Āĭ;°×çŌâĭ±²ĭ·Ō£→²éŌŌ¹ŌŪŪ Beta
ĪĀ^{1/4}pĭμ±ĒŌĪĀ^{1/4}pμĀ^{3/4}, æĭ£Beta

ĪĀ^{1/4}pĒÇŌçÆŪ²âĒŌ°æ±^{3/4}£→Çē²»Ō^aŌēĒĪŌĀ³îĎðŌ»Æð²×°ĭ;£μ±ĒŌ°æ±^{3/4}Ō»^oăŌĀŌŪ³îĎðĭ^a·ç
£→²»Ō^aĭ×ĭŌŌ²úÆ·Ō»Ī→²×°£→ĭŌð£→^{1/2}«ĭŌ

ĭŌ^{1/2}μĭŌ;ŌĀ³îĎðμĀŌĒĎĎĒŪĒĒ£→Ē¹ÆăŌŭŌŭĭŌŭŌŪ×é^{1/4}pĀăĒŪ°æĪĀμĀŌĒĎĎĒŪĒĒ;£

▪ **Ī^{3/4}Ē·ĒĭμĀÇŭŕ⁻³îĎð;£ŌŪ;** DirectX Çŭŕ⁻³îĎðĭ±Ō³μĀĪĀ^{1/4}pĀĐ±ĭŌĐ£→²éŌŌ±é^{1/4}ĈĭĪ^{3/4}-
Ē·ĒĭμĀÇŭŕ⁻³îĎðĭ;£ÆăĒŪĭĒĭâ»ăĪŌĒ^{3/4}ŌŪ;°ĪŌĒ^{3/4}ĭ±ĭ;ĭ°ĒŪðĭ±^oĭ;°ĒăĒĒĭ±Ō³μĀĭ;°×çŌâĭ±²ĭ·Ōĭ;ĒĪ^{3/4}-
Ē·ĒĭμĀÇŭŕ⁻³îĎðĒĪĭŌĒ Microsoft Ōē×ĭĐĀ°æ±^{3/4}μĀ DirectX ^{1/2}ŌĐĐĭĒĒ«^{1/4}æĒŸĐŌ²ăĒĒ;£

▪ **Ē±ĒŪŌ^{2/4}p^{1/4}ŌĒŪ;£Ēç¹ŪĀ»ŌĐ** DirectDraw(R) »ð Direct3D(R)

Ō^{2/4}p^{1/4}ŌĒŪ£→ŌĐĐ©³îĎðŌĒĎĎĒŪĒĒŪĀŷ£→ĒðŌĀĭ·ŌĒĎĐĭ;£ŌŪĭ°ĪŌĒ^{3/4}ĭ±Ō³μĀĭ;°DirectX ¹ĪŪĭ±£→²éĭ
DirectDraw »ð Direct3D Ēç·ĭ±»±é^{1/4}ĈĭĪ^o»ĀŪ^{1/4}ŌĒŪĭ±ĭ;£Ēç¹Ū±»±é^{1/4}ĈĭĪ^o»ĀŪ^{1/4}ŌĒŪĭ±

£→ÇĒ;^{1/4}ĀÇŌ^{2/4}pĒŷ^{1/4}ŕĭ;£

▪ **ĒĒ±ĭĀ→^{1/2}Ō;£Ēç¹ŪŌĭ.** Ē»ðÆăĒŪĒĒĒĒĒĒ±Ā»ŌĐĭŌ;£→ĭĒĀŪĒçŌðĭ^a×^o»ŌŷĒ·ĕÇĒĒ·ĒĪ DirectX
Ōĭŕĭ¹π^{3/4}ßĀĭ;°ĒăĒĒĭ±Ō³ŌĒĒç·ĭŌŒ^oŪ→ĀĒĒ±ĭ;£Ēç¹Ū²»^oŪ^o→£→ÇĒĪ¹ŷĭ;°ĭŌŌÆĀæ^oăĭ±Ī^{1/4}Ō, ĀĒĒ±ĭ;£

È;´úĀ-ĒĪĐĐĪº

ÔÚĪµĪ³ĒĪ°²×ºµĀĀ;_ōĪŌĒ¾ĒĒ±_µĀĪ;°ĪŌĒ¾;±Ō³ŌĐĒ-µŸ»÷;º½ŪŌĀ;±º´ĀŸĒ-½ŪŌĀ DirectDraw »ð
Direct3D Ō²¼µ¼ŌĒŪĒ´ĒĒŸ¹ŪŌĐ¼ŌĒŪ¹ĀŪµĀ»ºĒ©;Ē½ŪŌĀ¼ŌĒŪŌ®ºŸĒ-¼ŌĒŪ¹ĀŪŌŪ¹Ō±Ō DirectX
Ō;ĪĪ¹Ÿ¾ºŌĀĒ»±
Ē³Ō½ŪŌĀĒ-ÇŌĪŌĒĪŸĪŌ;ŌĀ³ĪĐðĪ¼ĪĪĐŞ;ĒŌºŌĐĀĒĒŌĀŌ²¼µ¼ŌĒŪĒ-ÇĒµŸ»÷;ºĒĒŌĀĀ;±º´ĀŸ;Ē

×çŌā

- ½ŪŌĀ DirectDraw ¼ŌĒŪ½ĀĪ-Ē±½ŪŌĀ Direct3D ¼ŌĒŪ;Ē

Ō²;ĒŌŌĒ;´úŌĒ DirectDraw Ē«ĒĒŌ;ŌĀ³ĪĐðĒĒŌĀµĀ¼āĒŌĒ±Ē
çĐĀĒµĀĒĒ;ĒŌ»ŌĐŌŪĀ³Đ©Ō;ŌĀ³ĪĐð³ŌĪŌĒ¾ĪĒĪĒĒ-²çĀŪĒ-ĒĪ_ĀŌ;ŌĀ³ĪĐðĒĒŌĀĒĪĪĐŞµĀĒ
çĐĀĒµĀĒĒĒ±Ē-²Ā;ĒŌŌ²ĒŌĀ´ĒĪ´ĒĒ©;Ē

► ĒĒŌĀĒ;´úĒçĐĀĒµĀĒĒº

1. ŌŪ;ºStill Stuck?;±Ō³ĒĪĒ-µŸ»÷;ºOverride;±º´ĀŸ;Ē
2. ŌŪ;ºOverride DirectDraw Refresh Behavior;±ĪŌ»º;ðĒ-Ū;Ōñ±ā¼;ð²çĪ¹¼āĒĒŌĒ±¼ŪĒĒŌĐĐŞµĀĒ
çĐĀĒµĀĒĒ;Ē´ĒĒ±Ē-;ºOverride Value;±ŪĪĪº´ĀŸ½«±»×ŌĪŪŪ;ŌĐ;Ē
3. µŸ»÷;ºĒĪĪ;±;Ē

► Ē;ĪŪĒ;´úĒçĐĀĒµĀĒĒ-²çŌĒĒĪ DirectDraw Ō;ŌĀ³ĪĐð×ŌĐĐĒĒŌĀĒ çĐĀĒµĀĒĒº

1. ŌŪ;ºStill Stuck?;±Ō³ĒĪĒ-µŸ»÷;ºOverride;±º´ĀŸ;Ē
2. ŌŪ;ºOverride DirectDraw Refresh Behavior;±ĪŌ»º;ðĒ-Ū;Ōñ;ºĀ-ĒĪŌµ;±ŪĪĪº´ĀŸ;Ē
3. µŸ»÷;ºĒĪĪ;±;Ē

»¹ŌÇýŋ⁻³İĐò

ŌÚÓĐĐ©ÄäÖÄİÄ£¬DirectX(R) Ōİŋİ¹α^{3/4}ßŌÊĐÍŌÄ»§»¹Ō-
½İŌÇμÄŌðÆμϱİÉŌÆμÇýŋ⁻³İĐò;£ŌâŌ²ĐÍÊÇ½â^{3/4}ŌÇýŋ⁻³İĐò²»¼æÈÝÍÊİà×İ^ºÄμÄ^ºİ[·]İ£
ËÇ¹ú;ºStill Stuck?;±ÊðĐŌŌ³Éİ³öİŌ;ºRestore;±º'Ä¥£¬Ōð;ÉŌŌμ¥»÷'Ëº'Ä¥ŌËĐĐ DirectX ^{º2}×^{º3}İĐò;£
DirectX ^{º2}×^{º3}İĐòŌĐÁ½,öº'Ä¥£¬¼'İºRestore Audio Drivers;±ŌÍ;ºRestore Display Drivers;±
İ£μ¥»÷ÆäŌĐËİŌ»º'Ä¥ŋ¼¼½«»¹ŌŌÚİμİ³ŌĐ^{º2}×º DirectX È±±»İæ»»μÄÇýŋ⁻³İĐò;£ËÇ¹úÄ³,öº'Ä¥
±»½úŌÄ£¬Ōð±İÄ÷Ä»ŌĐ;ÉŌŌ»¹ŌμÄÇýŋ⁻³İĐò;£Ōöμ½ŌâŌŌÇé;öË±
£¬Ō;ŌëŌ^{2/4}p³§ÉİÄ³İμ£¬ŌŌ»ñË;×İĐÄμÄÇýŋ⁻³İĐò;£
DirectX ^{º2}×^{º3}İĐò»İá¹©Ō»_ıöŌÄŌÚ½úŌÄ D3D Ō^{2/4}p¼ŌËÛμÄ_ı
'Ŋ;ıð£¬Ō²ĐÍÄÚİ¹ýŌİŋİ¹α^{3/4}ßŋŌ»º;ðŌŊİê³É'Ëİ^{1/2}úŌÄ;££⁻²İ¼ú È;ı'úÄ¬ËİĐĐİ³;££©

±f'æÐĀĭç

ÓÐÁ½ÖÖ·½·"¿ÉÒÔ±f'æ DirectX Öïŋĭ¹¼ßÊÖ¼µĀÐĀĭçƒº

- µŕ»÷j°±f'æËùÓÐÐĀĭç;±°'Áŕ;ƒËùÓÐÓ³µĀÐĀĭçŋ¼½«±f'æµ½ÓĀ»§ËùŊĭĭ»ÖĀ°ĪĀû³ÆµĀĪĀ¼pĀĭ;ƒ

ŋŌÓÚÊ¹ÓĀ'Ê¹¼ßµĀĭª·çÉĭ°æ±¼µĀËĭ¼pĭª·çÖßƒ→Ôð¿ÉÒÔƒº

- ÓÚĭ°Still Stuck?;±Ö³Éĭƒ→µŕ»÷j°±"æ;±ƒ→½«³öĪĭ°'ĭó±"æÐĀĭç
;±ŋŌ»°¿ò;ƒËäËËËùÓÐ±ØÖªËý³¼Yƒ→µŕ»÷j°·çÉĭ;±;ƒ½«ÓÚÁÚÊ±Ā;Ā¼ƒ"ÁýËçƒ→C:\Windows\Tempƒ©ÖÐ
'½"Ö»öĀûª Dxinfo.txt µĀĪĀ±¼ĪĀ¼pƒ→ĭ→Ë±ĪÖË¼ÓÚ¼ÇËĀ±¼'¿¿ÚÖÐ;ƒ
'ËĪ¼p²»½ð°üº→²ÉÓĀËĭËö·½·"ÊÖ¼µĀÐĀĭçƒ→»¹°üº→ËùËäËËµĀ,öËËÐĀĭç°ĪÆäËËÐĀĭç;ƒ

±", æîÊîâ

Èç¹ûÈ·ÈÏ³ðĪÖμÄîÊîâÓë DirectX xé¼p»ðçýŋĪ³ĪððÓÐ¹Ø£¬ÇëÖë Microsoft ¼¼ÉðÖ§³ÖÄĪμ£Ī²Ī¼û
Microsoft(R) Windows(R) °ĪÖúμÄÖÉÄŊ½â´ð£©;£ŋÖÖÚÉ¹ÓÄ,ÄÖĪŋĪ¹¼βμÄ¿â·£Ī°æ±¾¼½ØÐÉĪ¼p¿â·
çμÄÈÈÖ±£¬¿ÉÖÖĪĪ¹ýμç×ÓÓÉ¼p±", æîÊîâ;£

×çÒâ

- 'ÈÈμÄ÷½öÈÈÖÄÓÚ' È¹¼βμÄ¿â·£Ī°æ±¾¼;£²ç²»ÈÈÖÄÓÚÈùÓÐÓÄ»§;£

► ĪĪ¹ýμç×ÓÓÉ¼p±", æîÊîâ£°

1. ÓÚ;°Still Stuck?;±Ö³ÖÐμ¥»÷;°±", æ;±;£
2. ĪĪð´;°´Īó±", æÐÄĪç;±ŋÓ»°¿ðμÄÈùÓÐĪà¹Ø²¿·Ö£¬È»°óμ¥»÷;°·£ĪĪ;±;£
3. ½«³ðĪÖÖ»ĪðĪŪĪç£¬,ø³ðÈù
´½"μÄĪÄ±¾Ī¼pμÄĪéÖŪÄ·¾ŋÖÖ¼°μç×ÓÓÉ¼pμØÖ·;£çĕ¼çĪÄμç×ÓÓÉ¼pμØÖ·;£μ¥»÷;°È·ŋĪ;±
;£Èæ°ó£¬Dxinfo.txt ĪÄ¼p½«±»°¼çÉÄ±¾;±´ð¿;£
4. ´Ó;°¼çÉÄ±¾;±μÄ;°±à¼;±²Èμ¥£¬ŊĪŌñ;°È«ŊĪ;±£¬È»°óŊĪŌñ;°,´ÖÆ;±£¬½«È«¿ĪÄÚÈÝ,
´ÖÆμ½¼ðĪù°âÖÐ;£
5. ÓÚÓÉ¼p³ĪððÄĪ´½"ÐÄÓÉ¼p£¬¬²ç½«¼ðĪù°âμÄÄÚÈÝÖ³Īùμ½ÓÉ¼pÖÐ;£°´μÚ 3 ²½ÖÐ¼çĪÄμÄμØÖ·
çĪÓÉ¼p;£

