using System;

using System.Threading.Tasks;

using Avalonia.Input;

using Avalonia.Input.Raw;

using Avalonia.Input.TextInput;

namespace Avalonia.FreeDesktop

{

internal interface IX11InputMethodFactory

{

(ITextInputMethodImpl method, IX11InputMethodControl control) CreateClient(IntPtr xid);

}

#pragma warning disable CA1815 // Override equals and operator equals on value types

internal struct X11InputMethodForwardedKey

#pragma warning restore CA1815 // Override equals and operator equals on value types

{

public int KeyVal { get; set; }

public KeyModifiers Modifiers { get; set; }

public RawKeyEventType Type { get; set; }

}

internal interface IX11InputMethodControl : IDisposable

{

void SetWindowActive(bool active);

bool IsEnabled { get; }

ValueTask<bool> HandleEventAsync(RawKeyEventArgs args, int keyVal, int keyCode);

event Action<string> Commit;

event Action<X11InputMethodForwardedKey> ForwardKey;

void UpdateWindowInfo(PixelPoint position, double scaling);

}

}