

Arm Accuracy Super Resolution



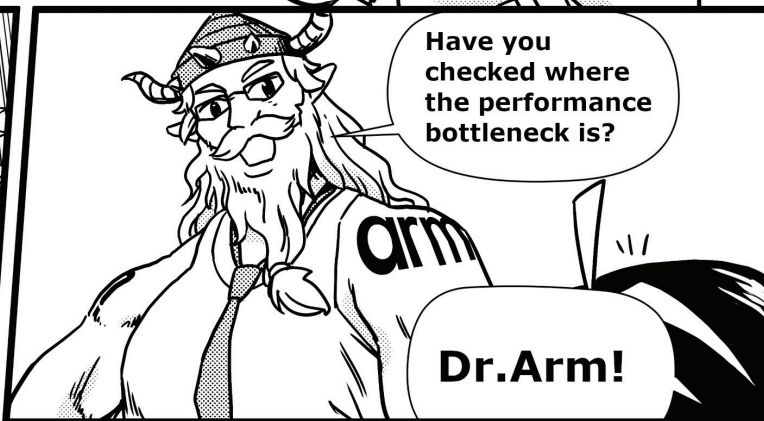
Arm Accuracy Super Resolution



Oh no! The game's frame rate is dropping too low.



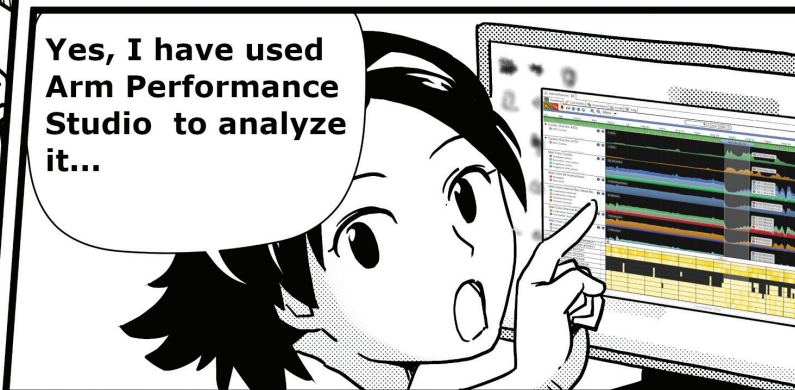
It's impossible to enjoy the game properly. What should I do?

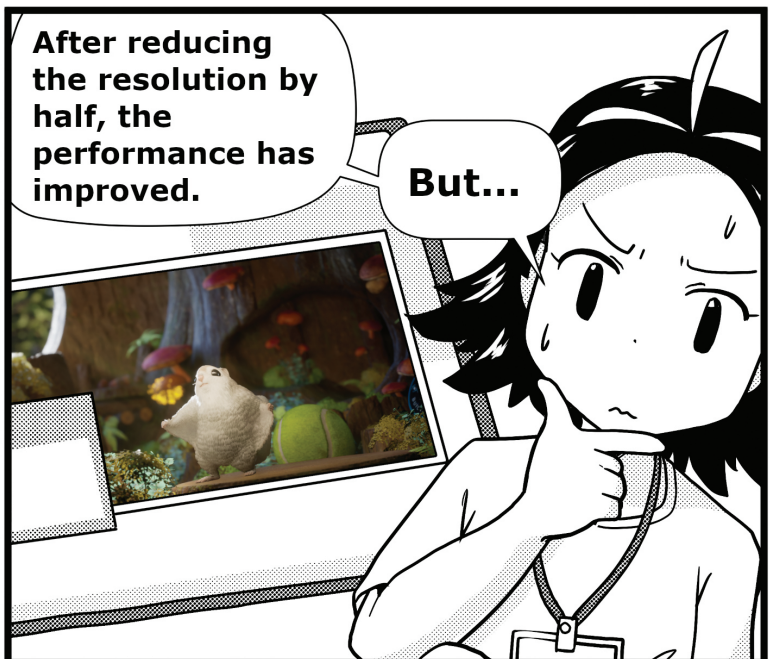
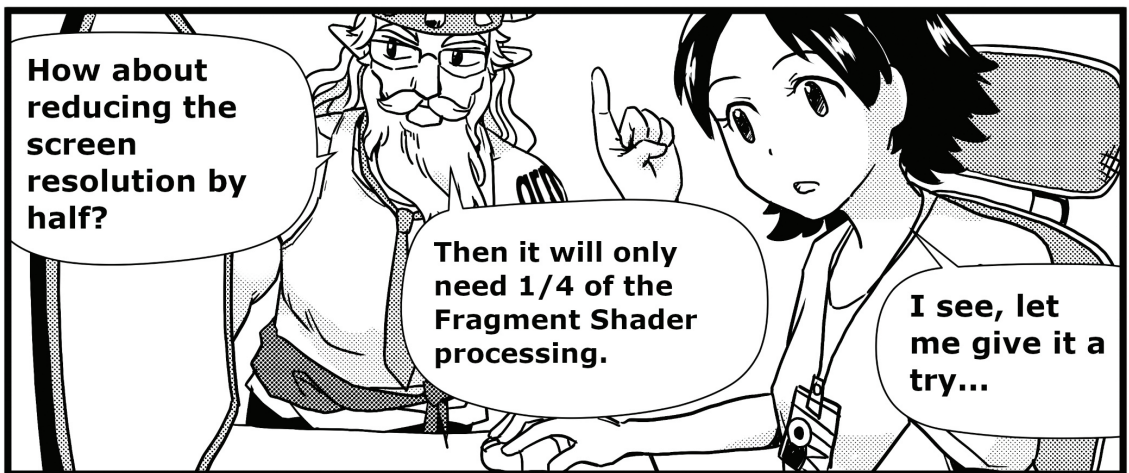
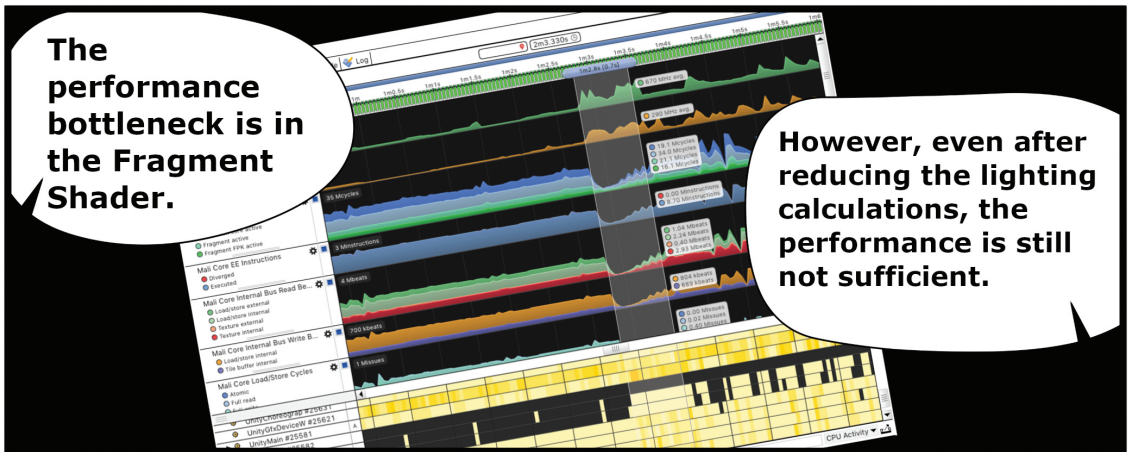


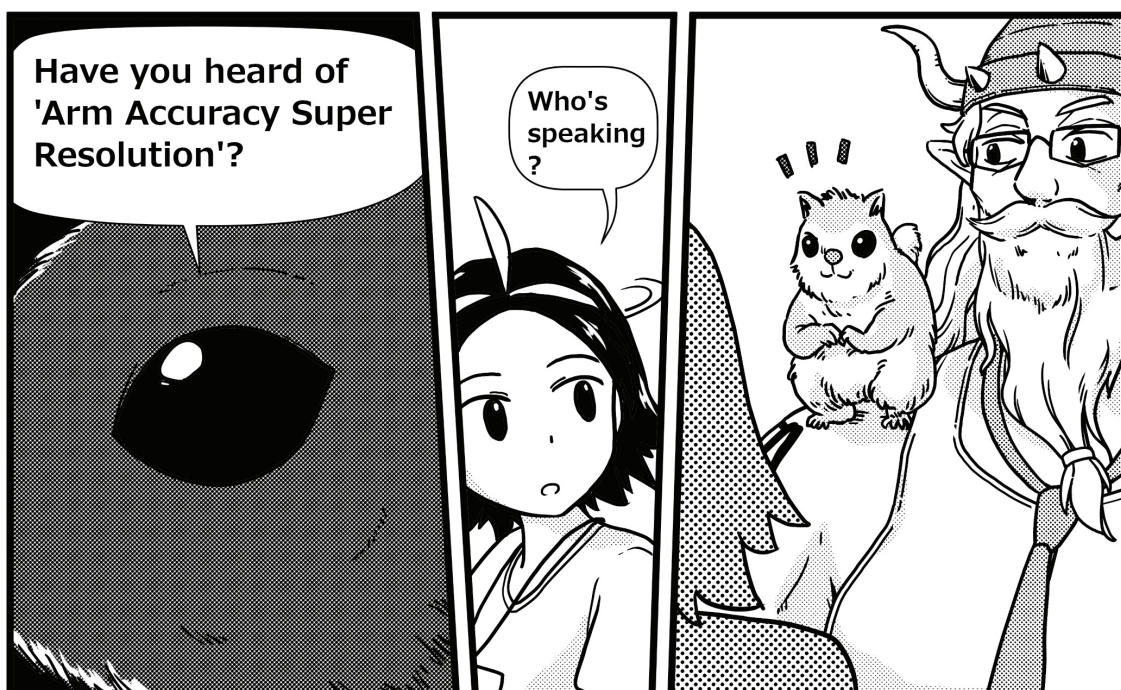
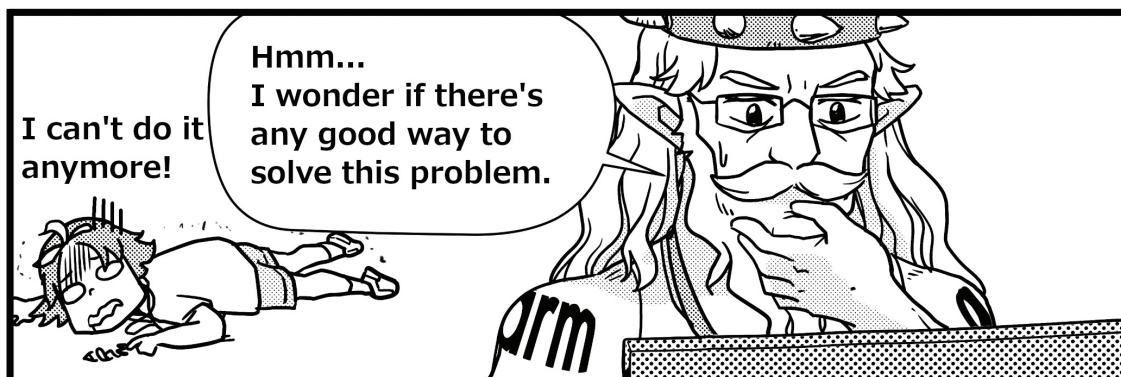
Have you checked where the performance bottleneck is?

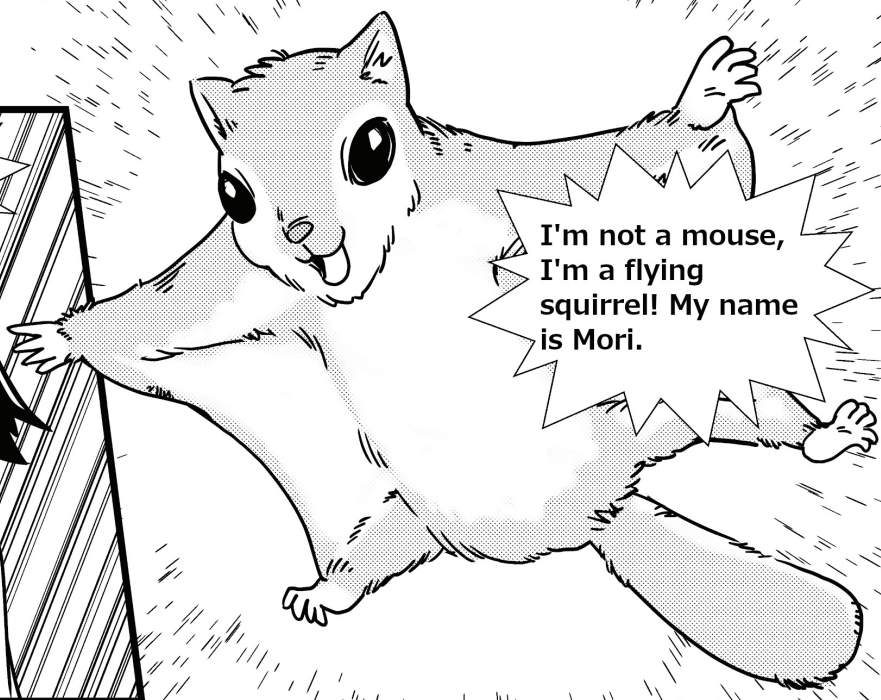
Dr.Arm!

Yes, I have used Arm Performance Studio to analyze it...

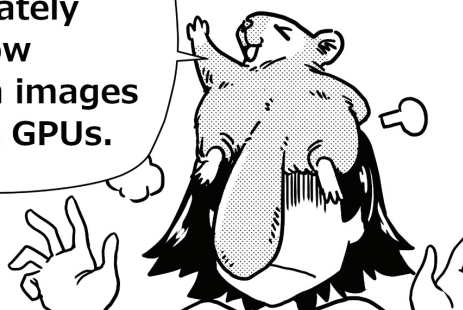








That's right. It can accurately upscale low resolution images on mobile GPUs.



Arm Accuracy Super Resolution, AKA Arm ASR, is the best open-source super-resolution solution for mobile devices.



arm

Accuracy
Super Resolution

arm

developer.arm.com/graphics

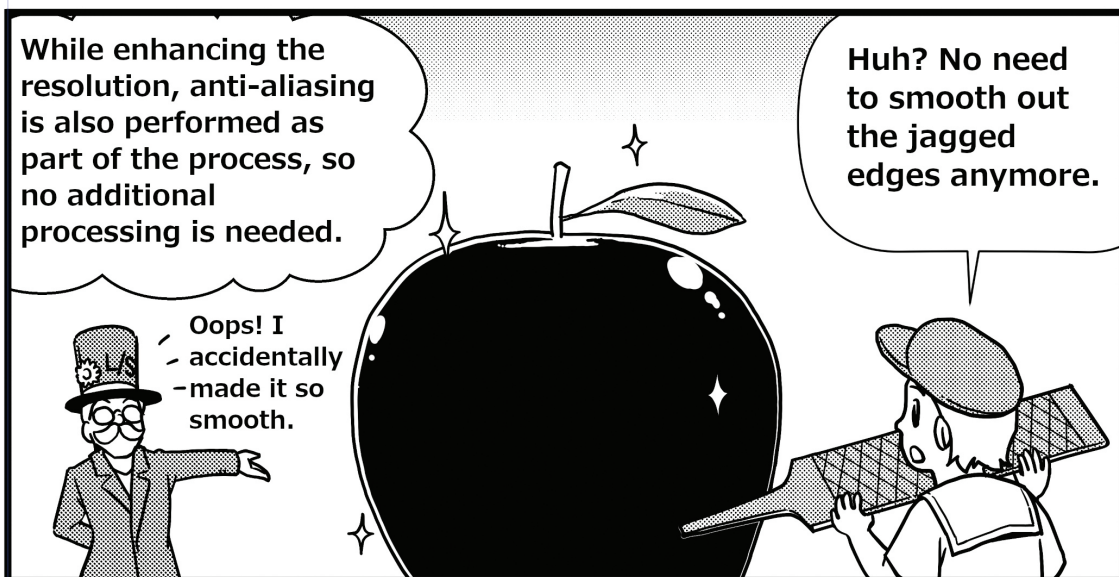
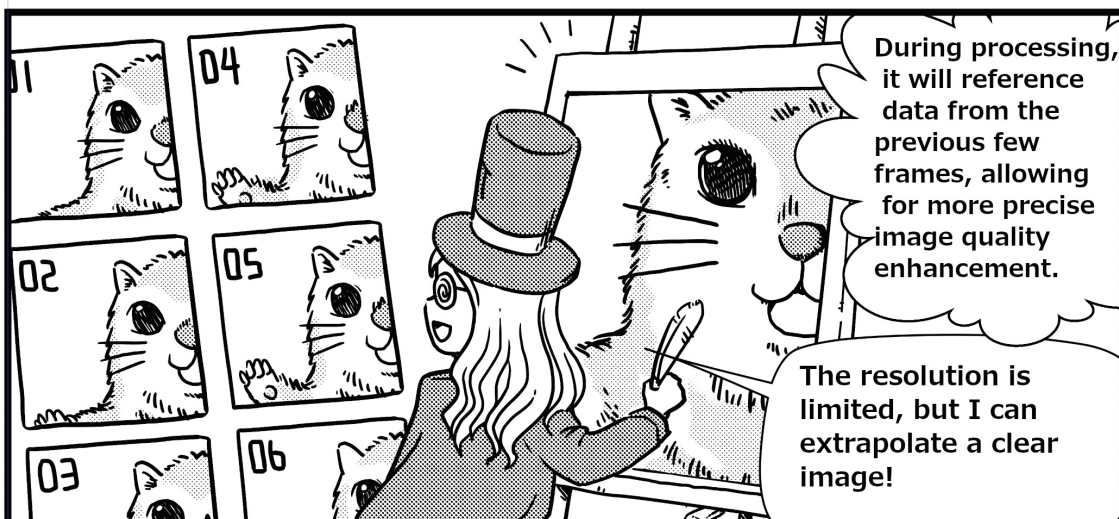
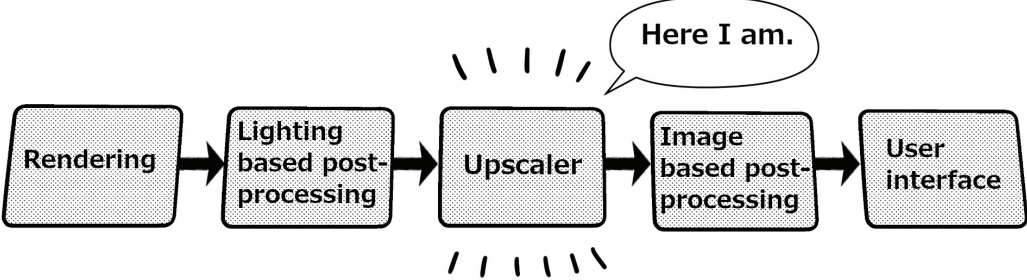


Image-based post-processing can be completed after the resolution is enhanced, resulting in better post-processing image quality.



Arm ASR is optimized for mobile devices, reducing computational load and memory bandwidth requirements.



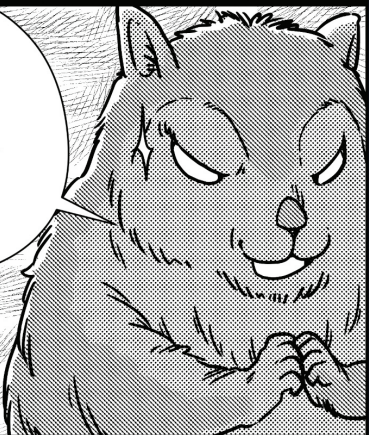
Moreover, Arm ASR can generate near-original resolution image quality while consuming less power.



It perfectly meets my needs, but I don't have enough time to integrate it since the game's release date is approaching.



Hehehe, I knew you would say that...



Arm ASR is designed specifically for game development from the start.

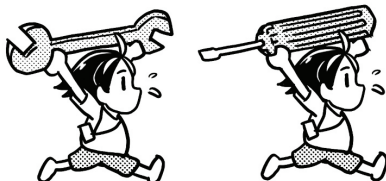
Aside from providing the source code, Arm ASR also offers plugins for Unity and Unreal. No matter which engine you use for development, it can be quickly integrated.



That's awesome! This way, I'll be able to meet the game's release date!

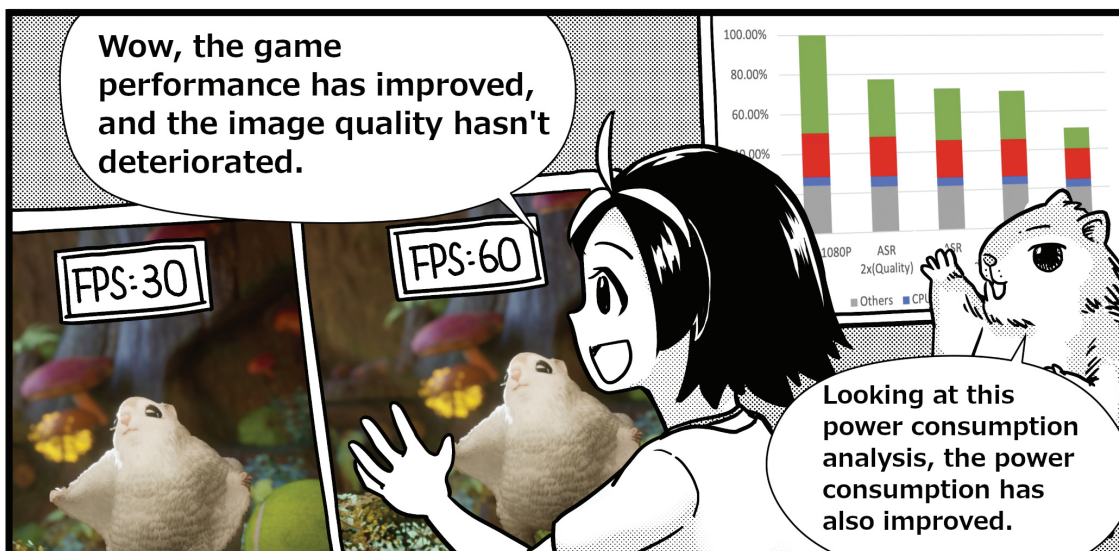
Let's try it out right now!

One quick integration later...



Success! That was quick!







arm

Accuracy
Super Resolution

In the high-stakes world of gaming, every frame counts. When dropping frame rates threaten to ruin the ultimate gameplay experience, Dr. Arm and his talking assistant Mori, the flying squirrel, steps in to save the game. Faced with performance bottlenecks and blurry images, they turn to their revolutionary secret weapon: Arm Accuracy Super Resolution. This cutting-edge technology reduces computational load and memory bandwidth requirements while preserving nearly original image quality—all with seamless game engine plug-ins.

