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| **Change DIR to instant-ngp** |
| Cd C:\Users\UserName\instant-ngp |

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| **Activate NGP** |
| Conda activate ngp |

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| **Run COLMAP Images only** |
| python scripts/colmap2nerf.py –colmap\_matcher exhaustive --run\_colmap --aabb\_scale 16 --images <image/path> |

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| **Run COLMAP Video only** |
| python scripts/colmap2nerf.py –video\_in <filename of video> --video\_fps 2 –run\_colmap –aabb\_scale 16 |

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| **Run NGP NeRF** |
| <path\_to\_your\_ngp>\instant-ngp\build\testbed.exe --scene data/<image\_set\_name>  Example:  C:\Users\UserName\instant-ngp\build\testbed.exe --scene data/toy\_truck |

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| **Render Video** |
| python scripts/render.py –scene data/<path> --n\_seconds 5 –fps 60 –render\_name <name> --width 1920 –height 1080 |

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| **Manual FFMPEG Extraction** |
| ffmpeg -i <filename> -vf fps=<n> -qmin 1 -qscale:v 1 img%03d.jpg |