

Set the required parameter in this script, and then run SLAM3R by using the following command

bash scripts/demo_wild.sh



You can run SLAM3R on your self-captured video with the steps above.

Citation

If you find our work helpful in your research, please consider citing:

```
@article{slam3r,
   title={SLAM3R: Real-Time Dense Scene Reconstruction from Monocular RGB Videos},
   author={Liu, Yuzheng and Dong, Siyan and Wang, Shuzhe and Yin, Yingda and Yang, Yanchao and Fan, Qingnan and
Chen, Baoquan},
   journal={arXiv preprint arXiv:2412.09401},
   year={2024}
}
```

Acknowledgments

Our implementation is based on several awesome repositories:

- Croco
- DUSt3R
- NICER-SLAM
- Spanner

We thank the respective authors for open-sourcing their code.