A first example

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Outline

Introduction
- Problem
- Proposed solution

Big Picture
- Related work
- Main contribution

Methods
- Pipeline
- Data Structs

Results

Conclusion

What is SLAM ?

SLAM stands for ...

Problem

- Computational Heavyness
- High Theoretical Complexity
- How to pratically do it ?

Proposed solution

ProSlam:

- light
- simple
- clear

Story

- LSD SLAM
- etc

State of the art

- ORB SLAM 2
- etc

Main contribution

ProSlam:

- open source cpp implementation
- easy to use for beginners...
- computationally light
- good performances

SLAM Map

location based graph ... **Loop:**

- Relocation
- Adjustment

Pipeline

Core Modules:

- Triangulation
- Incremental Motion Estimation
- Map Management
- Relocation

Triangulation

....

Incremental Motion Estimation

....

Map Management

....

Relocation

....

Data Stucts

- KeyPoint
- FramePoint
- Frame
- LandMark
- LocalMap
- GlobalMap

Results

... images of plots and performances .. benchmarks

Conclusion

In the end:

- summmarizing implications of the results
- connect results with provided claims
- take home message