

AN UNTAPPED RESOURCE IN SPACE SCIENCE

Low open-source usage

1. Marketing of proprietary software is user oriented .
2. People - more used to established software.
3. Huge community - No dedicated team.

Potential

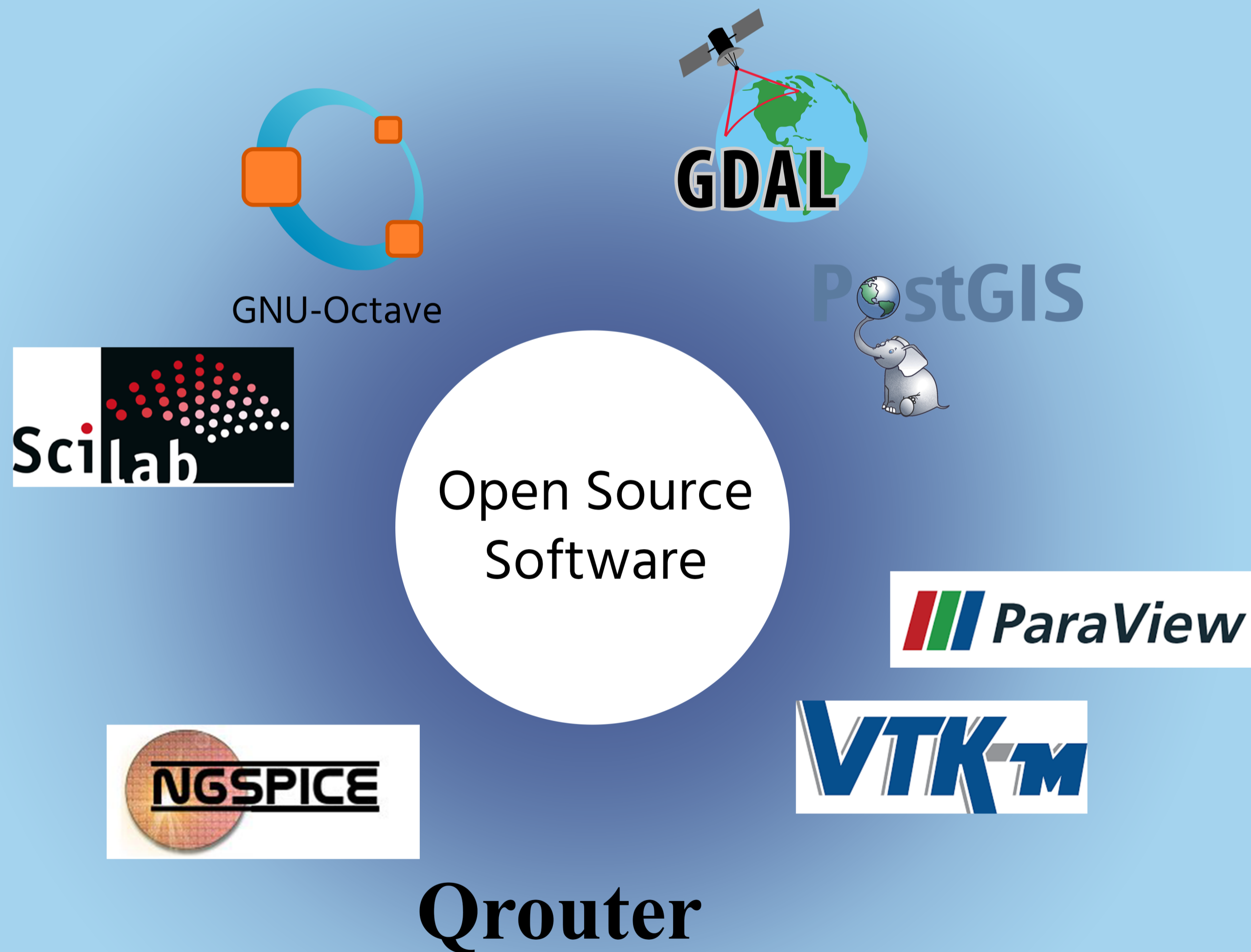
1. Huge community - Very well tested, full potential realised.
2. Customisable - Faster systems for specific application.
eg: RISC V - ISA for satellite data processing.
3. Faster approach to scientific results.



OPEN DATA

1. Crowdsourcing = Faster data analysis.
2. Data not always used in intended field.
3. Open data is Long term investment.
4. Rise of internet has made it more accessible.
5. Long way to go - Launch data, high resolution data, non visual data etc are shrouded in secrecy.
6. Requires high technical knowledge.
7. But who will pay?

Open data sources



OPEN SOURCE IN SPACE SCIENCE

- Tanuj Kumar

Economic and International policies

1. Funding for missions comes from data.
2. Data can be used for spying, so countries reluctant.
3. Data used for space diplomacy