



Semantic ^{Orbital} Sweep (SOS)

Semantic tech. & Knowledge modeling to help clean Earth orbit & make spaceflight safer

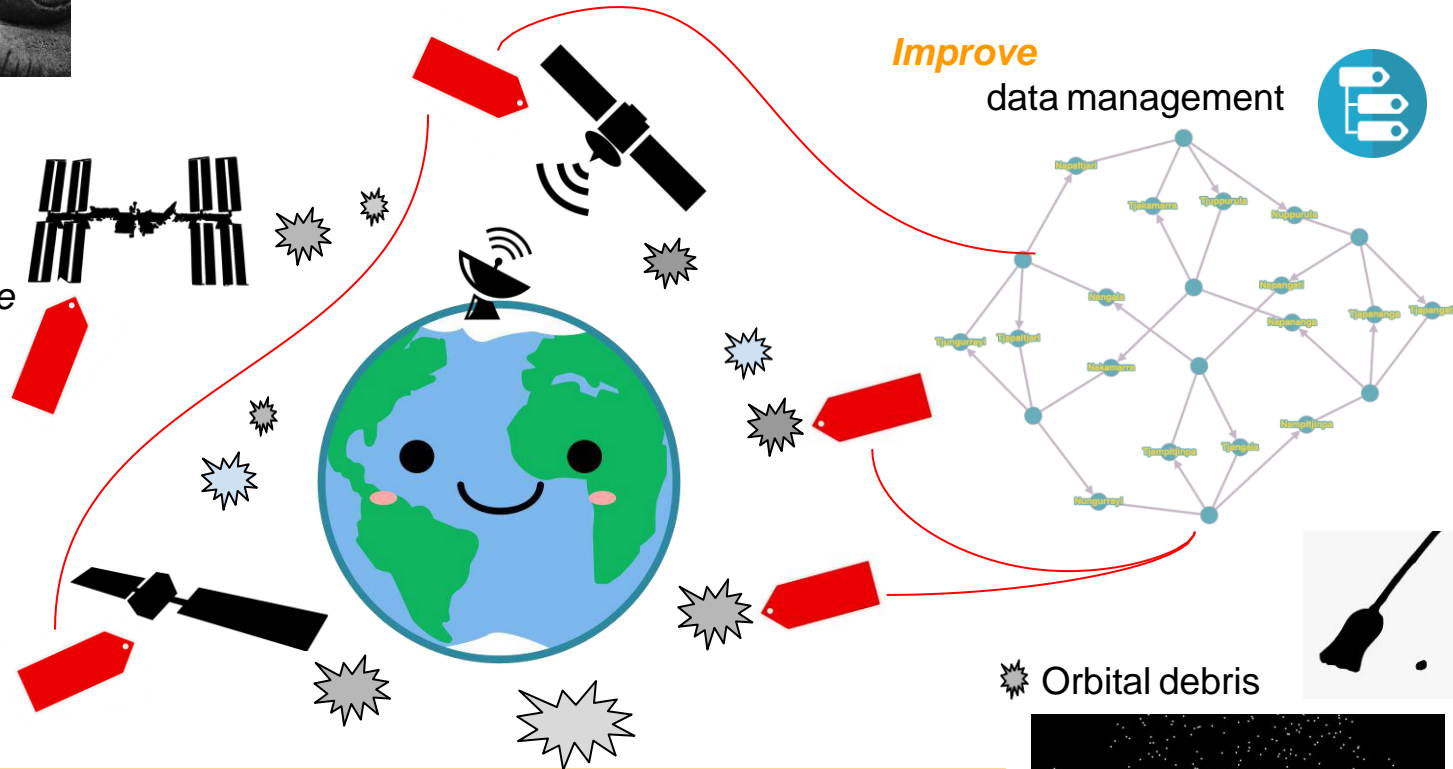
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Preserve
our orbital environment

Explore data
search, retrieve, inference



Protect
our astronauts



- **Tag** data & **Model** phenomena with **semantic metadata** and **knowledge representation (AI)** systems
- **Link data** → better env. awareness!
- A set of taxonomies, terminologies, ontologies, graphs
 - *In-progress*. Need support, mentors, and work or PhD study opportunities to sustainably develop (See: <http://purl.org/space-ontology>)

