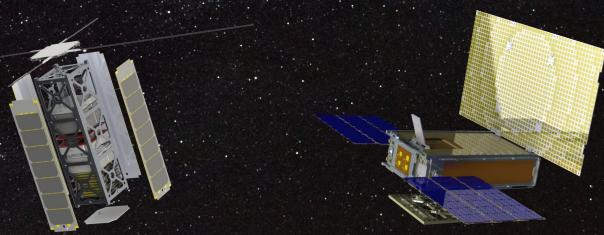
MetaSat

An open, collaboratively-developed schema to support the future of space exploration.

A metadata schema is:

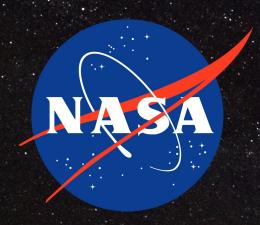
a consistent and precise way to describe things.



MetaSat aims to:

link data, software, and hardware from small satellite missions

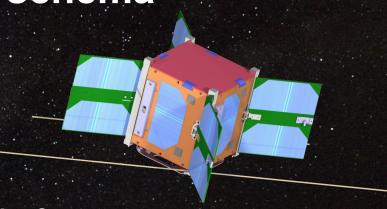




Make your own schema

How would you best:

- 1. Organize / Describe an Observation?
- 2. Organize / Describe a Mission?
- 3. Organize / Describe Mission People?
- 4. Organize / Describe Network Ground Station?
- 5. Organize / Describe Satellite Communication Systems?
- 6. Organize / Describe Satellite Navigation Systems?
- 7. Organize / Describe Satellite Payloads, Instruments, or Hardware?
- 8. Organize / Describe Software?



MetaSat Schema Sorting Tool

Live Demo: https://metasat.schema.space

	groundStation name	groundStation longitude		groundStation alternate
MetaSat Schema To		o groundStatiogromendStation owner affiliation		groundStation owner ac
return home				groundStation owner alt groundStation owner er
return nome	groundStation owner	groundStation	n owner identifer (
o observer email		groundStation qth locator		groundStation owner job groundStation owner had groundStation owner te groundStation owner ur
	groundStation receiver	receiver LNA		receiver brand receiver filter receiver gain
			receiver model	
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		rota	ator brake Torque	receiver serialnumber rotator brand rotator controllerElectro
	//	o groundStation referencePlatformotator cost		rotator controllerElectro
		ro	tator dimensions	rotator documentation rotator frameMaterial rotator latest Release rotator model
groundStation o	groundStation rotator			moinis
		o groundStation status	rotator speed crotator torque crotator weight	rotator nonPrinted parts rotator plastic parts rotator repository rotator serialNumber
				rotator status
				rotator type
\		aroundStation testing	. Stater meight e	

Source Code: https://gitlab.com/metasat/sorting-tool

JSON-LD Example

Initial releases coming soon to GitLab Repository:

https://gitlab.com/metasat/schema-drafts



```
"@context": {
    "schema": "https://schema.org/",
    "@vocab": "https://schema.org/",
    "LaunchDate": "schema:startDate",
    "LaunchSite": "schema:Place",
    "LaunchVehicle": "schema: Vehicle",
    "LSP": "schema:provider"
"@id": "https://a-examplelaunch.uri",
"LaunchDate": "2019-10-14",
"LaunchSite": "Pacific Spaceport Complex",
"LaunchVehicle": "Atlas V 401",
"LSP": {
    "@id": "https://b-exampleLSP.uri",
    "name": "Rocket Lab Limited",
    "alternateName": "Rocket Lab USA, Inc",
    "address": {
        "@id": "https://c-address.uri",
        "@type": "PostalAddress",
        "streetAddress": "14520 Delta Ln #101",
        "postOfficeBoxNumber": "000",
        "addressLocality": "Huntington Beach",
        "addressRegion": "CA",
        "postalCode": "92647",
        "addressCountry": "USA"
    "email": "www@example.com",
    "telephone": "717-465-5737",
    "url": {
      "@id": "https://www.rocketlabusa.com/",
        "sameAs": ["https://example1.com","https://example2.com"]}
```

Contact Us!

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https://schema.space

https://gitlab.com/metasat

https://riot.im/app/#/room/#metasat:matrix.org

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ASTROPHYSICS

HARVARD & SMITHSONIAN