Structure

Mass Budget

IDM-CIC [CNES]

https://logiciels.cnes.fr

Mission Analysis

Jsatorb (AGPL v3)

③

https://gitlab.isae-supaero.fr/nanostar/jsatorb

Link Budget

Dosa module works!

Dosa (AGPL v3)

②

https://sourceforge.isae.fr/projects/dosa_link_budget_analysis

Plateform Analysis

Dissipation Budget

Simusat (AGPL v3)

①

https://sourceforge.isae.fr/projects/simusat

Web Interface

IDM-NSS Connector
[Bordeaux INP]

②

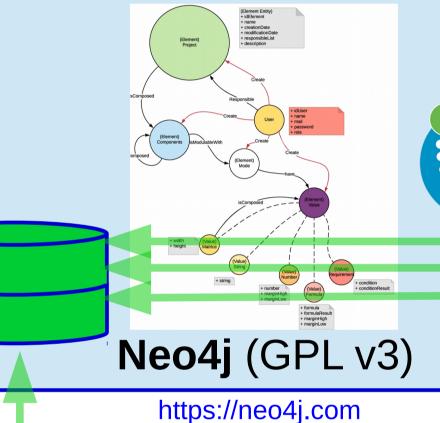https://gitlab.isae-supaero.fr/nanostar/idm-nss-connector

Centralized Database

Neo4j (GPL v3)

https://neo4j.com

Power Budget

Script Nanopower (AGPL v3)
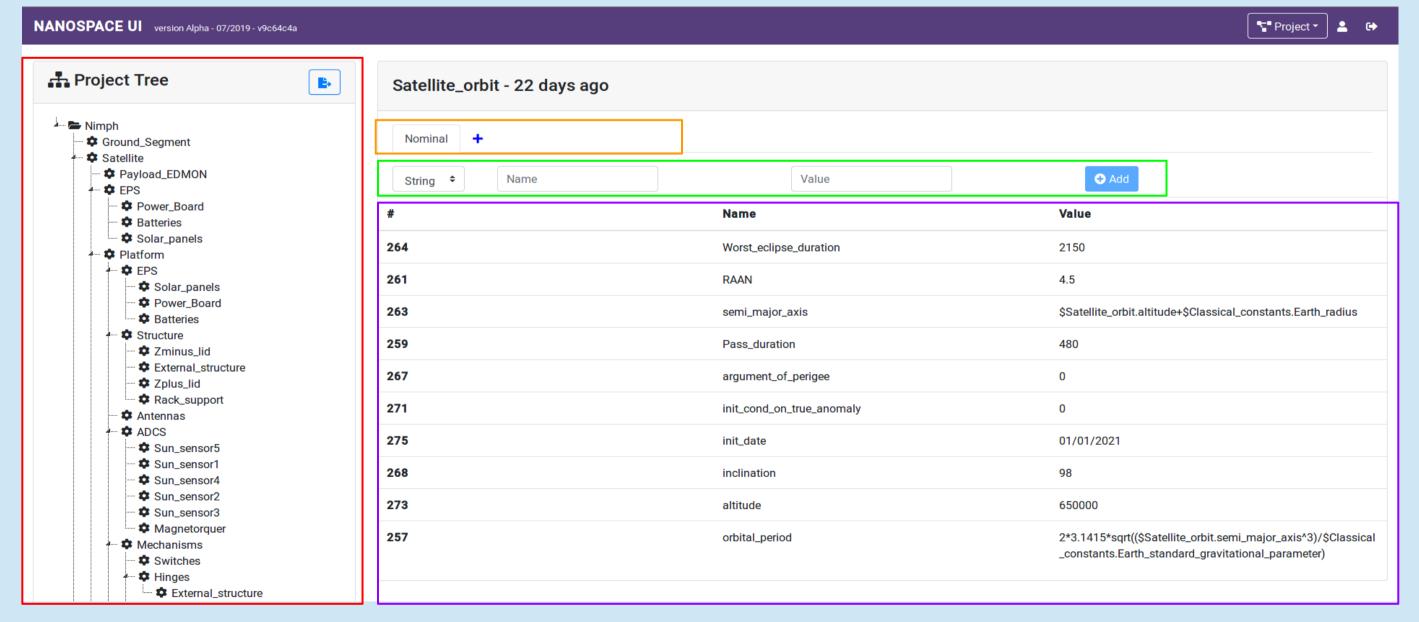Author : Guillaume Roux [ISAE-SUPAERO]

②

https://sourceforge.isae.fr/projects/nanopower

ADCS study

Script NSS_ADCS (AGPL v3)
Author: Pedro Miguel De Aguiar Coelho [IST)]

②

https://gitlab.isae-supaero.fr/nanostar/adcs-module

Activity Profile

IDLE | Safe | Detumbling | DataAcquisition | Com | DataAcquisition
time

Com | DataAcquisition | Com | IDLE | Com | DataAcquisition
time

②

Activity Profile Tool Designer
(MIT License) - [UC3M]

https://gitlab.isae-supaero.fr/nanostar/activity-profile

Radiation Budget ①

https://gitlab.isae-supaero.fr/nanostar/radiation-module

Data Budget ①

Launcher Choice ①

Nanospace User Interface

Nanospace UI (AGPL v3)

https://gitlab.isae-supaero.fr/nanostar/nanospace

LOS check

Stela [CNES]

①

https://logiciels.cnes.fr/fr/content/stela

Interreg
Sudoe
EUROPEAN UNION

nano STAR
European Regional Development Fund