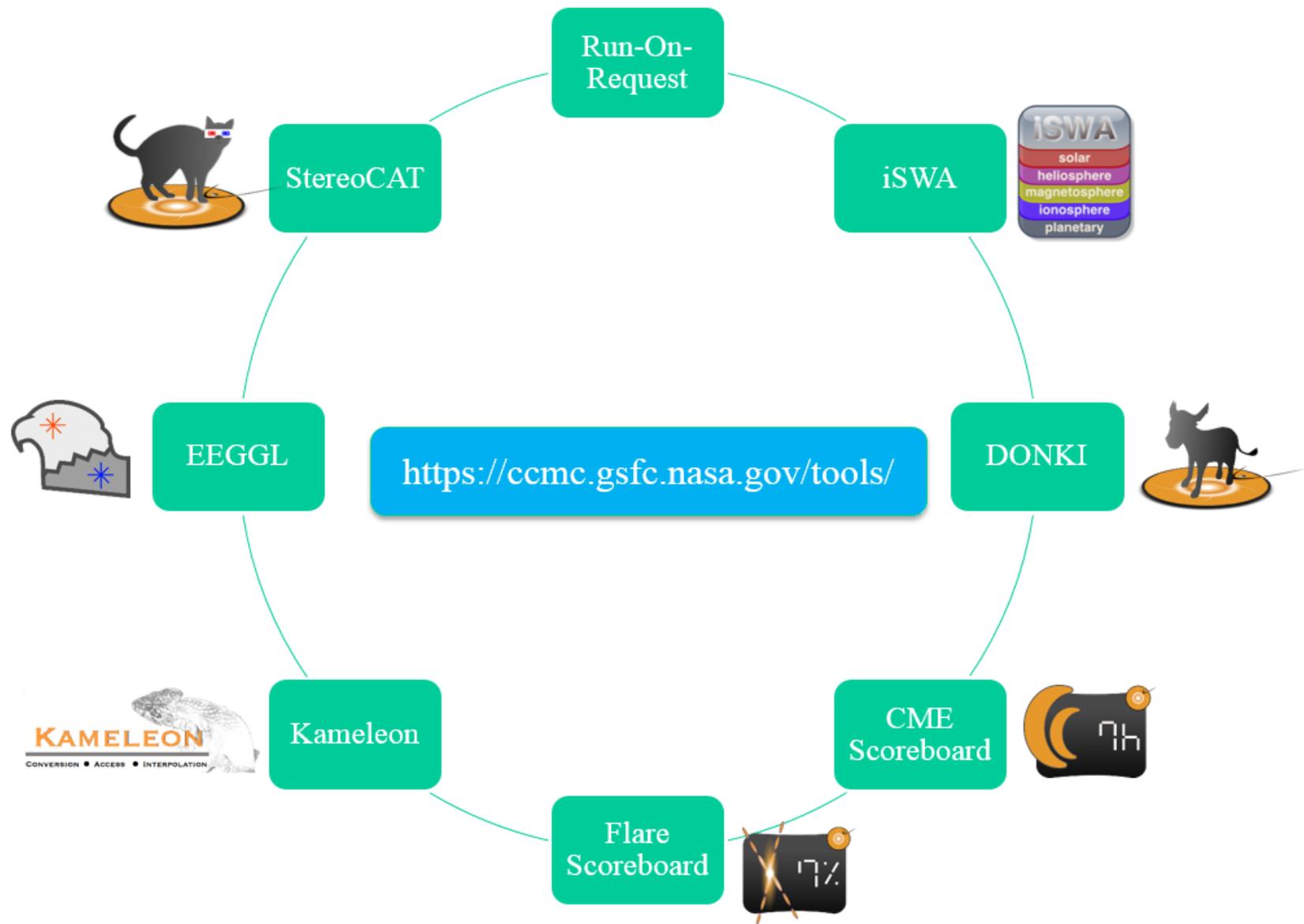


Introduction to the Space Weather Database Of Notifications, Knowledge, Information (DONKI)

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Multi-Purpose Tools at CCMC



Before DONKI...

- Blogs for Daily Space Weather activities
 - Difficult to search
 - Difficult to describe a chain of events
 - Difficult to disseminate
- Static email lists for notifications
 - Manually generated following templates
 - Tedious and Error-prone



Space Weather Database Of Notifications, Knowledge, Information (DONKI)



[[Launch DONKI](#) | [About DONKI \(PDF\)](#) | [Webservice](#)]

About DONKI

The [Space Weather Database Of Notifications, Knowledge, Information \(DONKI\)](#) is a comprehensive on-line tool for space weather forecasters, scientists, and the general space science community.

DONKI provides:

- Chronicles the daily interpretations of space weather observations, analysis, models, forecasts, and notifications provided by the Space Weather Research Center (SWRC).
- Comprehensive knowledge-base search functionality to support anomaly resolution and space science research.
- Intelligent linkages, relationships, cause-and-effects between space weather activities.
- Comprehensive [webservice API](#) access to information stored in DONKI

DONKI Goals:

- One-stop on-line tool for space weather researchers and forecasters.
- Gathers and organizes space weather scientists interpretations and daily activities with correlations and direct links between relevant space weather observations.
- Enables remote participation by students, world-wide partners, model and forecasting technique developers.

Using DONKI:

- Anyone can [search/view data](#) already stored in DONKI.

Disclaimer:

The real-time space weather information and simulations on DONKI should be considered only as science and prototyping quality.

<https://ccmc.gsfc.nasa.gov/donki/>

Demo