Overview

The Data Viewer provides the following features:

- View data in real-time. Supports TCP or reading from a file.
- Load archives to post-process data. Supports CCSDS or 699 packets. Additional formats can be supported upon request.
- Generic displays (viewers) of telemetry data:
  - Tabular view
  - Time series plots
  - Packet statistics
  - Event log
  - Data rate
  - Raw packets as hex
- Custom viewers to meet a mission's needs
- Generic and mission specific settings
- Display science data and housekeeping telemetry data together
- Save and load viewer configurations
- Multiple models per mission to support per model configuration
- Supports interpretation of the ITOS and ASIST mnemonic definition formats

> Any bug reports, feature requests, or general questions can be sent to bradley.c.tse@nasa.gov or through NASA's Microsoft Teams.

Architecture



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