

# Eman: Carbon: Release Notes

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## Carbon Release Notes

This is the wiki page for the Carbon release notes from the Eman project. This second release of the Eman project refactors the previous SNMP-centric data model to a generalized energy Information Model and extends the Operational and RPC APIs to provide rudimentary access to an energy object.

## Major Features

### Yang Models

- **eman:** This module defines a hierarchy of energy objects, each with a collection of zero or more power measurement tables. This model is consistent with the Information Model published by the IETF eman framework.

### ODL Features

The Eman carbon release includes: REST API - a operational REST API to read energy objects from MD-SAL REST RPCs - to get and set attributes of energy objects and write to MD-SAL

## Target Environment

### For Execution

- There are no requirements beyond the usual JRE requirements of OpenDaylight.

### For Development

- There are no requirements beyond the usual JDK and maven requirements of OpenDaylight.

## Known Issues and Limitations

- This release contains limited functionality and does not yet represent a comprehensive implementation of the IETF energy management Information Model

## Changes Since Previous Releases

Refactored data model, extended API

### Bugs Fixed in this Release

None.

### Migration from Previous Releases

None.

## Compatibility with Previous Releases

N/A.

## Deprecated, End of Lifed, and/or Retired Features/APIs

None