Stand Alone Module for DICast

Source code

- stand-alone-dicast.tar.gz

Model Identifier and version number

- Stand Alone Modules for DICast
- Version 1.0

Citation Information

- Title
  - DOE Solar Standalone DICast Module
- Abstract
  - A set of stand-alone applications which create or augment irradiance forecasts
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- Point of Contact
  - Seth Linden
- Creation Date
  - September 27, 2016
- Modification Date
- Identifier Code
  - DOE Solar Technology Transfer
- Use Constraints
  - None

Distribution Information

- Distributor
  - "UCAR/NCAR - RAL - WSAP"
- Code URL
  - Stand Alone Module for DICast
- Info URL
  - Stand Alone Module for DICast

Model description

- A set of stand-alone applications which create or augment irradiance forecasts

Intended use

- Applications are used in the SunCast system to produce irradiance forecasts

Key assumptions

- Because these applications include prior Intellectual Property (IP), only the portions of the code developed specifically for SunCast are included.
- The following libraries may be referenced in Makefiles but are not included in the release due to the previous restriction:
  - site_list: handles the management of site identifiers and locations
  - log: handles application logging
  - model_reg: manages and computes regressor variables
  - ncf: provides an I/O wrapper to netCDF files
  - nxncf: provides I/O wrapper to netCDF files
  - tdrp: a configuration file library
- Since these applications do not include the IP-protected libraries, they will not build from source

Documentation and References

- See the individual stand-alone components for more information