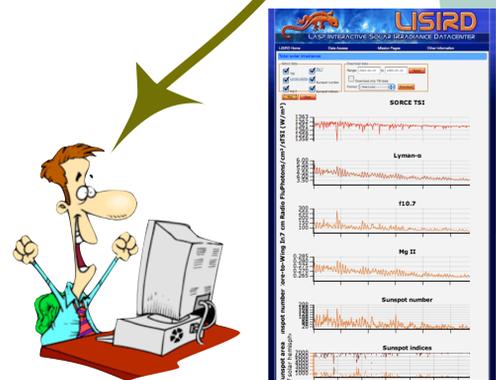
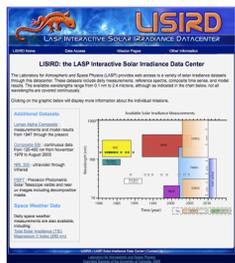


The **LASP Interactive Solar Irradiance Datacenter (LISIRD)** provides exploration of and access to solar irradiance data and other related datasets.

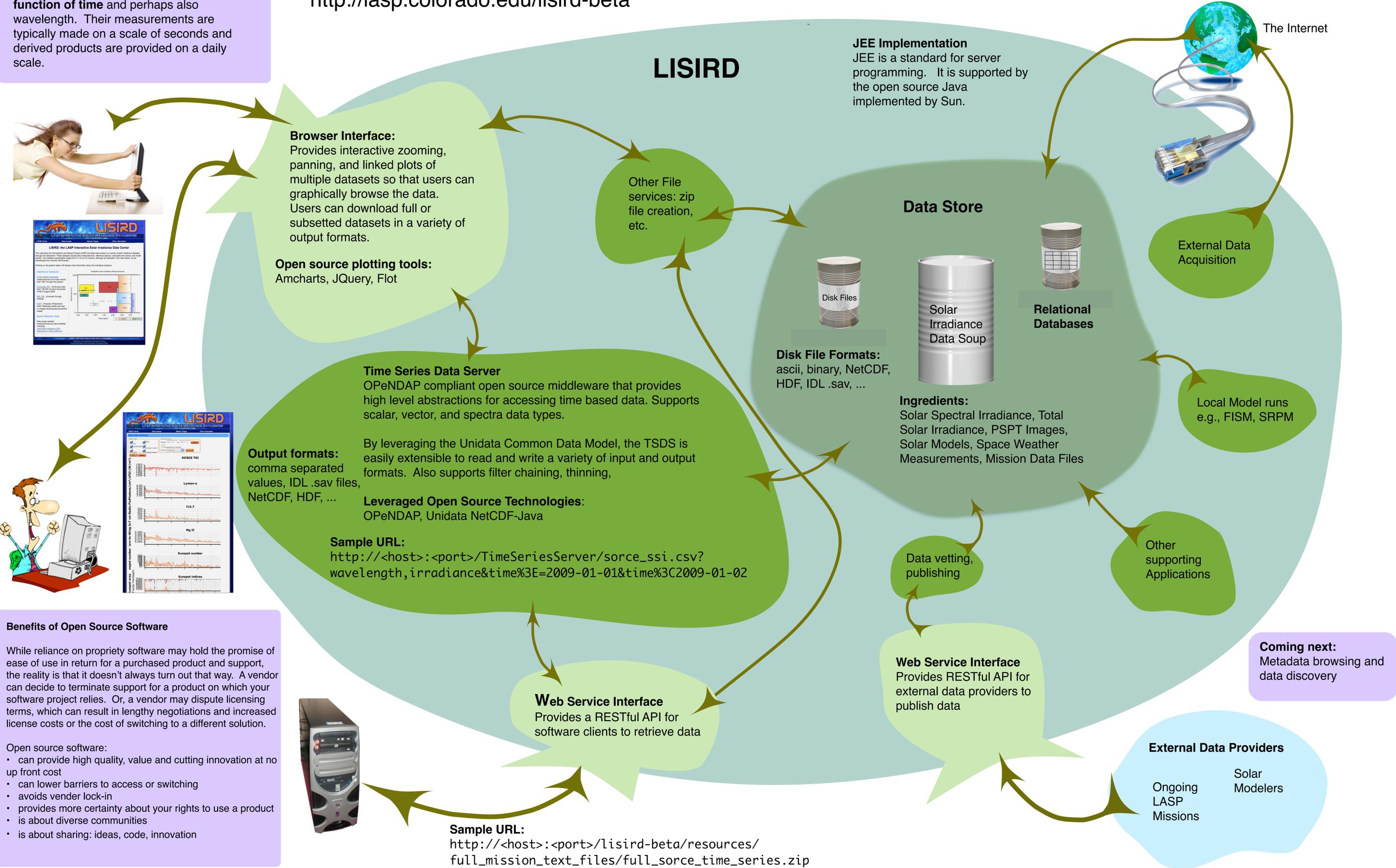
These datasets are generally not a function of latitude and longitude, but rather a **function of time** and perhaps also wavelength. Their measurements are typically made on a scale of seconds and derived products are provided on a daily scale.



LISIRD 2: Applying Standards and Open Source Software in Exploring and Serving Scientific Data

<http://lasp.colorado.edu/lisird-beta>

Anne Wilson, Doug Lindholm, Alex DeWolfe, Chris Lindholm, Chris Pankratz, Martin Snow, Tom Woods
Laboratory for Atmospheric and Space Physics (LASP), Boulder, Colorado



Benefits of Open Source Software

While reliance on propriety software may hold the promise of ease of use in return for a purchased product and support, the reality is that it doesn't always turn out that way. A vendor can decide to terminate support for a product on which your software project relies. Or, a vendor may dispute licensing terms, which can result in lengthy negotiations and increased license costs or the cost of switching to a different solution.

- Open source software:
- can provide high quality, value and cutting innovation at no up front cost
 - can lower barriers to access or switching
 - avoids vendor lock-in
 - provides more certainty about your rights to use a product
 - is about diverse communities
 - is about sharing: ideas, code, innovation

