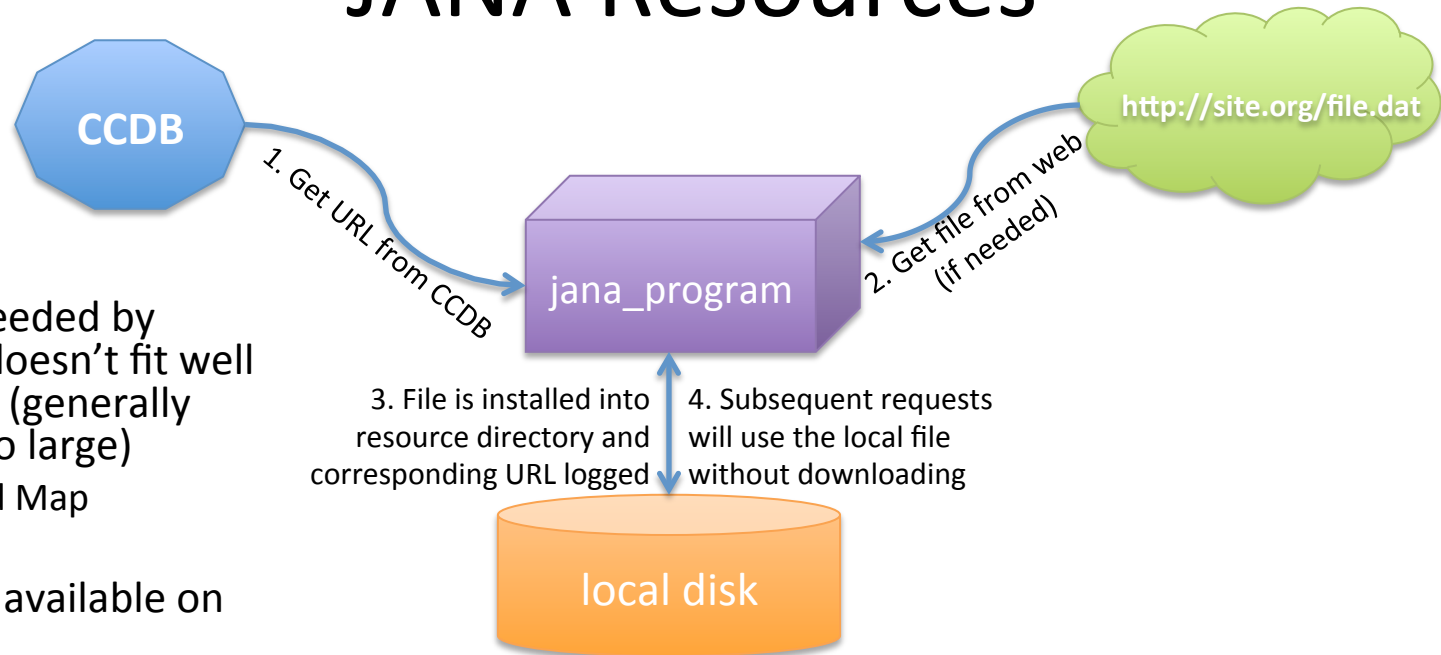# JANA Resources

- "resource" is a file needed by reconstruction that doesn't fit well into the CCDB model (generally because the file is too large)
  - e.g. Magnetic Field Map

- Resources should be available on the WWW

- CCDB is used to manage location (URL) of resource
  - URL_base
  - path
  - md5

- Resource manager should minimize the number of copies on the local disk (hopefully only 1!)

CCDB

1. Get URL from CCDB

http://site.org/file.dat

2. Get file from web (if needed)

jana_program

3. File is installed into resource directory and corresponding URL logged

4. Subsequent requests will use the local file without downloading

local disk

API made to match that of calibration DB:

CCDB
```
jcalib->Get(namepath, Bmap);
```

Resource
```
jresman->Get(namepath, Bmap);
```