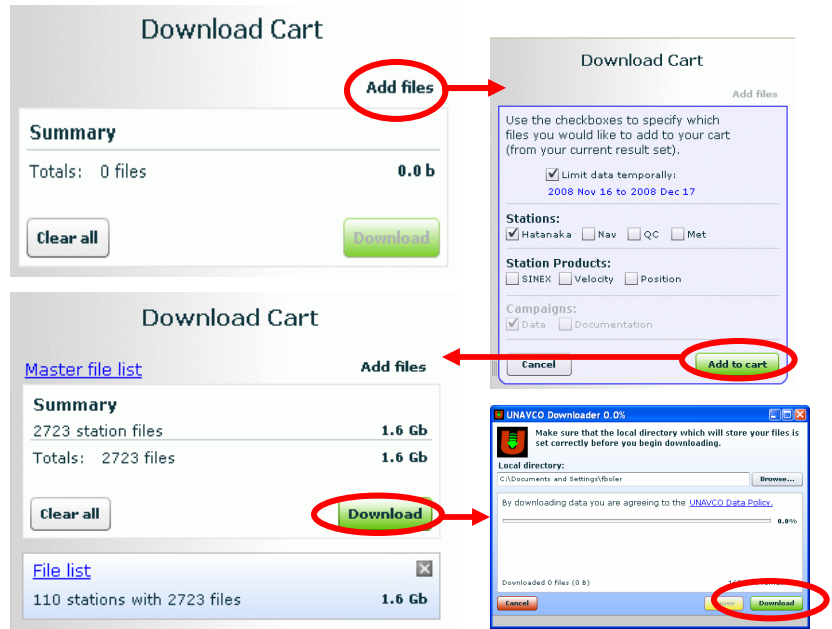


Ready to Download Data? There's no way around it - this is a multi-step process: (1) After setting up your search, and narrowing to the set of monuments of interest and possibly a time window, open up the Download Cart in the side panel; (2) Click Add Files; (3) Select the type of files of interest; (4) Click the Add to Cart Button. The application runs a query to assemble a list of files associated with the monuments in your set. Once the query completes, you can see the list by clicking on the file list link. If you'd like, you can copy this list of file ftp URLs and take it from there with your own ftp mechanism such as wget. Another alternative is UNAVCO's download manager accessed with the Download button. You will have to agree to install the downloader and Adobe AIR the first time you use this. Note that if you have campaign data in your result set, you will be presented with a list of campaigns to choose from. If using UNAVCO download manager, (5) Select a directory on your system and click the Download button. You can go back to the web application while your files download.



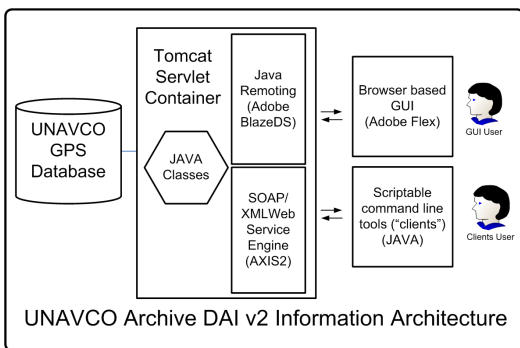
UNAVCO Data Archive Interface Version 2 (DAIv2) Java Command Line Clients

<http://facility.unavco.org/data/dai2/clients/unavcoClients.zip>

Java Clients. In conjunction with the Web GUI we have created Java-based tools that run from a shell/command line and can be used standalone or within user developed scripts. These clients are intended for "power users" who need to track metadata or files with sophisticated queries. Usage examples include detecting when files on our FTP server have been updated, detecting when a new station has been installed, and tracking metadata changes at a station.

There are currently four clients:

- unavcoMetadata.jar- Get metadata records through time for a site or for a particular date
 - unavcoMonuments.jar- Do spatial, temporal or metadata searches for monuments
 - unavcoFiles.jar- Get a list of URLs to files that match site information and temporal limits
 - unavcoGrouping.jar- Returns the "Grouping" names used by UNAVCO for identifying Campaign, Network or similar collections that may simplify searches with the other clients
- Output is text (CSV) or XML*



Information Architecture. The web GUI and the command line clients make requests to the same web services and Java classes that we host. The web services connect to UNAVCO's Oracle database and other data sources.

```

C:\cygdrive\ff\unavcoClients
fboler@fbolerd3 ~
$ cd f:\unavcoClients
fboler@fbolerd3 /cygdrive/ff/unavcoClients
$ java -jar unavcoMonuments.jar -hcharEqu AU04 -xml
<xml-Fragment xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <MaxDate>2008-12-08T23:59:00.000Z</MaxDate>
  <MinDate>2004-09-08T23:44:00.000Z</MinDate>
  <Monuments>
    <Monument>
      <MonumentID>18438</MonumentID>
      <StationID>720</StationID>
      <MonumentName>AU04RUGST_RK2004</MonumentName>
      <MonumentType>Permanent</MonumentType>
      <FourCharCode>AU04</FourCharCode>
      <Grouping>PBO Magmatic, PBO, PBO Alaska Region</Grouping>
      <Latitude>59.3626</Latitude>
      <Longitude>-153.4447</Longitude>
      <StartTime>2004-09-08T23:44:00.000Z</StartTime>
      <EndTime>2008-12-08T23:59:00.000Z</EndTime>
      <Operational>Active</Operational>
      <ArchiveStart>2004-10-12T00:00:00.000Z</ArchiveStart>
      <DataPublic>Anonymous</DataPublic>
    </Monument>
  </Monuments>
</xml-Fragment>
fboler@fbolerd3 /cygdrive/ff/unavcoClients
$
  
```

Need more documentation? See our DAIv2 summary page: <http://facility.unavco.org/data/dai2/dai2.html>.

Let us know what you think. E-mail archive@unavco.org or use the User Feedback widget within the application side panel.