Correct Unknown Search Terms in the Search Terms .flt File

Unknown search terms are caused by unexpected issues in SYMGEN where the metadata in the Search Terms .flt file are not updated. Systems internal and external to NASA might not locate data products with unknown search terms. Correcting these errors is essential to the metrics and publication lifecycle of the ASDC.

Acquire the list of unknown search terms

For a co

EMS (noreply@nasa.gov) sends a weekly email with the subject: EMS Unknown Search Terms for LARCSVC which lists all files with unknown search terms. These files all contain "flt" with a date preceding it formatted as YYYYMMDD. It may also contain additional file extensions indicating previous revisions (.rev1 or .rev2). Additionally, the email contains a detailed report providing the of the missing search terms.
Acquire the most recent flat file
As of the most recent Search Terms .flt file is sent in the email mentioned in the above section. At the bottom, there is a link with a .flt extension.
Screenshot of email with link to most recent .flt file:
by of the most recent searchExp flat file EMS has processed, please visit: https://
Retrieve missing files
Establish pickup directory
In your terminal, complete all Linux operations in the code blocks below after making an ssh connection to
ssh gov
After connecting, your location should be AMI_username/
If you have not already done so, create a subdirectory named subdirectory named :
mkdir -p //

Access missing files

The missing files are accessed via .gov at this path:

/YYYYMMDD

Each directory contains files dated for the previous day. For instance, the 20230404 directory stores 20230403 .flt.

Copy file to home directory

Copy missing files to the pickup directory established in your user directory in homedir

```
cp
/YYYYMMDD
/YYYYMMDD
.*type*
/AMI_username/EMS/LarcServicesEMSReports

Example:

cp
/20240315
/intrev1
/jsmith/EMS/LarcServicesEMSReports
```

Note: There is a space after the end of the source file extension and before the / at the start of the home directory

Rename copied file

After copying the files, rename the extensions. Files that end with only ".flt" need ".rev1" appended to the end. For files that end with ".rev#", increment that number by one.

Examples:

```
mv 20240215 .flt 20240215 .flt.rev1
mv 20240315 .flt.rev1
20240315 .flt.rev2
```

To rename multiple files, consult the missing files sheet and use the provided for loops:

In the missing files sheet, check for the highest number following ".rev"

Starting with the files with the highest ".rev" number: #, use the following loop:

```
foreach f (*.rev#)
mv $f $f:r.rev#+1
```

#+1 represents the integer incremented by 1.

If you made a mistake and your files end with .flt.flt... use the following loop as a fix:

```
foreach file (*.flt.flt.*)
mv $file echo $file | sed 's/.flt..'
end
```

Note: These loops were created for a tcsh connection

Edit .flt file

Copy the YYYYMMDD_LARCSVC_searchExp_ASDC.flt file and rename it with today's da	te
(or the date you create the IT ticket, whichever is later)	

Using a text editor, add	l the	in all capitalization,	the	with its	giver
capitalization, and the	t	to the flat file. Delimit the e	entries with		

Example:

The	indicates if the collection was pulled from the ASDC site (or
Earthdata (). Every collection should have one entry with the	
and one with the	e	

Example:



Note: The .flt file is organized alphabetically by

Create IT Ticket

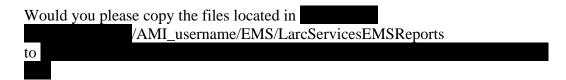
After the new collections are entered into the flat file, access https://

ticket under the Database Support category. Use the following information to populate the fields of the ticket:

Summary: Files need to be placed for EMS cron pick up (searchExp update MM/DD/YYYY)

Description:

Hello,



These files will be pushed to EMS through normal processes.

Thank you!

Urgent: 4

Note: MM/DD/YYYY being today's date.

Navigate to the ticket on Jira. (Click on the numbers at the top for quick access)



Attach your edited .flt file to the IT ticket

A system administrator will notify you after they finish applying updates.