Adding support to Siphon and NetCDF-C++

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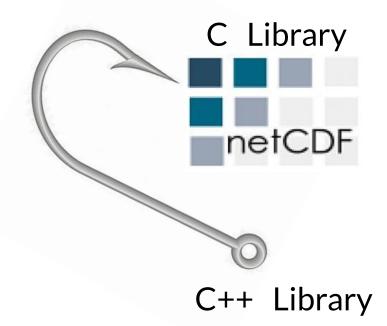
- 1. What was intended to get done
- 2. What we actually got done
- 3. Fun stuff







NetCDF-C++ Library Expanded



- Hooks added:
 - Filter
 - functionality
 - Variable redefinition
 - Fill parameter

usage

• etc...





Hurricane Tracker Available

• Hurricane Tracker GUI remade and available for use!

Storm Year:		-0	2019
Storm Nam	ANDREA		~
Get Storm T	racks		
Models:	CMC NAM NGX UKX AC00		
Tracks Time	0		0
► II	t 3		

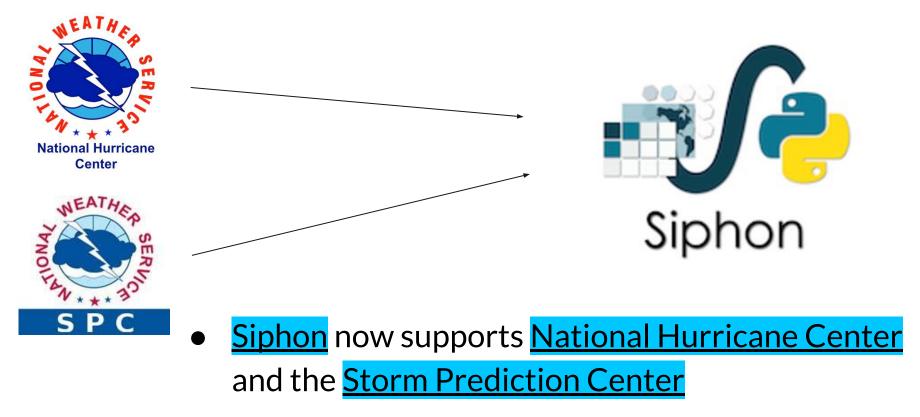
Best Track CMC EMX ETA FV4 NGM UKM UKX A90E A98E A9UK AEMI AEMN AFW1 AN01 Date: 08/25/2005 Hour: 00 Wind Speed (kt): 45 Type: TS Pressure (hpa): 1000

KATRINA Year: 2005

Storm Name:



Siphon now supports SPC and NHC







- 1. Data from 1851+
- 2. Speed, pressure, date, time, and lat-lon
- 3. All model runs for a specific storm



- 1. Data from 1950+
- 2. Storm events for tornados, hail, and wind
- 3. Date, time, lat-lon, comments





Storm Prediction Center GUI

 GUI for SPC allows <u>animating</u>
<u>storms</u> for a given day





LIFTED AROUND 336 PM. ESTIMATED PATH LENGTH OF 20 MILES THRU NEWCASTLE





Fun Stuff!



