```
Other language comparisons
     Thursday, June 9, 2022
 Pythoni
  sm_coreur (page, logon, start, extent) internal
      forms a url with:
      base_or + page + start + logon + extent (duration)
              service starttime coername
      jhu.com
 Sm_csuitem_to-list (myarr) external helper
      convert cau data to list
 5m- osvitem-to-dict (myarr, ** kwangs) external helper
      unverts can to list.
sm_paise_start internal helper
     converts list, detetime to superMag format.
Sm_dateTOYMDHMS (tual, yr, mo, dy, hr, mt, sc) unused
     sample code of conversion
sm_keycheck_data (flagstring) internal helper
    add optional flags to the url
    possible choices: mt, mag, geo, decl, sza l'all" for all 5
                     bosseline = yearly, basseline = none
   format:
         2 option 2 option ...
   side note: consider checking for mone-instance
   no Aded & decl & mit & mit
  perhaps? not boseline = yearly& baseline = none?
sm_checkkey_indices (flagstring) internal helper
    output: indices towitimf
    indices: "lindices="
    swi : "&swi = "
                             "swiall" - swit "all,"
                             "imfall" - inf + "all,"
   there exist different variations of a key.
     base key: no modifiers
     sunkey: with modifier sout the end.
     darkkey: with d at the end
     regkey; with root the end
     plusky; keys that don't have a modified version
```

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output: indices + swi + imf
indices: "findices="
swi : "Aswi ="
imf : "dimf="
used double far loop to go through both reflected tist & user input.

If userinput (from astrinputs) = "all" / "indicesal" + indices tidl,

"swiall" -> swi + "all,"

"imfall" -> imf + "all,"

"imfall" -> imfall -> imfall basekey

and basekey

darkkey: unith of at the end

sunkey is available with sentosekey and basekeys

darkkey is available with darkbaseky and basekeys

darkkey is available with darkbaseky and basekeys

darkkey is available with reg basekey, and basekeys

imf key

basekey

available with reg basekey, regional all, legall, plusall

inf key

unter special vals baseall, swall, darkall, regional all, regall, plusall

is detected, all all keys in thet category as indices

dean up tags by remaining unused banders (imf, indices, swi)

replace & with &

sm - get urt (fetchor), fetch = "(aw"): internal belper

fetch the data with the url and detecde it
```

SuperMAGGet Inventory (logan, start, extent) core function in seconds

get data with sm-getur 1() which returns the stations.

check get status and if successful:

if list longer than 1:

add station to url

get data from url

semove header & footer

else set stations to none.

Construct or I with "indices.php"

construct of with "data-api.php"

construct indices with sm-keycheck \_dota()

construct or I with Sm-coreor () and pass in inventory. php"

SuperMAGGet Data (logan, start, extent, flagstring station, \*\* Kways)

Super MAC Get Indices (logon, start, extent, flagstring = ", \*\* kwargs) we function

difficult with R. figuring it and