CLASS DATA (static)

Methods :

-getData(filters(list))->intersection

-getTitle

-getDescription

-getIcon

- getColor -getUrl

Filter : class (abstract)

Attributes : methods:

-typeFilter(string) - getData(typeFilter,name)

Return(..where data[‘typeFilter’]==name)

-name(string)

field : Art

name : ‘art’

getData(name)

field : education

name : ‘education’

getData(name)

field : Business

name : (STRING) in BUSINESS

getData(name)

field : RESEARCH

name : (STRING) in RESEARCH

getData(name)

field : Programming

name : (STRING) in PROGRAMMING

getData(name)

typeFilter : ‘language’

type:’normal’/’programming’

name : (string)

in TYPEFILES

getData(name)

typeFilter : ‘typeFiles’

name : (string)

in TYPEFILES

getData(name)

typeFilter : ‘theme’

name : (string)

in THEMES

getData(name)

typeFilter : ‘Parameter’

name : (string)

in PARAMETERS

getData(name)

typeFilter : ‘source’

name : (string)

in SOURCES

getData(name)

typeFilter : ‘Purpose’

name : (string)

field : (string)

getData(name)

(abstract)

Metadata

|  |  |  |
| --- | --- | --- |
| Parameter | temperature,density,salinity,wavelengths,SSHA,GPS orbit,pressure,radiation,precipitation,concentration,water vapor,pH,conductivity | list |
| audience | programming:{development,software,AI,ML}  research:{biology,chemistry,biology,meteorology,geology,astronomy,mathematics}  business:{ agriculture,maritim,defense,software}  education:{chemistry,biology,physics,geology,management,mathematics,astronomy}  art:{null} | List of objects  [{“field”:’’,”specialty”:’’}] |
| source | -----(too many) | string |
| type File  (mediaType) | text/html  image/jpeg  application/pdf  image/html  image/png  application/msword  text/csv |  |
| theme |  | list |
| language | normal :{ english,French}  programming:{java,python,javascript} | List of objects |