GridDyn style guide

Classes

Camel case names starting with a Capital letter

e.g GridDynClass

Class methods

Camel case names starting with a lower case letter

e.g gridDynMethod

class static members

Camel case names starting with lower case and preceded by a ‘s\_’

e.g s\_staticMember

class members

camel case names starting with lower case and preceded by a ‘m\_’

e.g m\_classMember

class member model parameters(a subset of class members specifically referring to setable model paramaters)

engineering reference model parameters preceded by ‘mp\_’, ‘K’ is used for gains, ‘T’ for time constants, ‘R’ for resistances, ‘X’ for impedances, others are used as appropriate typically using a capital letter first followed by a number of other lower case letters.

e.g. mp\_K1, mp\_T3, mp\_Rs

Class member pointers

Camel case starting with a lower case and preceded by ‘p\_’

e.g. p\_classMemberPointer

function names

camel case starting with lower case

e.g. functionName

function arguments

camel case starting with lower case

e.g. functionName(type functionArgument1, type2 functionArgument2)

enumeration names

lower case separated by ‘\_’ and followed by ‘\_t’

e.g. enumeration\_name\_t

enumeration fields

lower case separated by ‘\_’

e.g. enumeration\_field

global constants

capital letters preceded by a lower case ‘k’

e.g. kCONSTANT

Macros

Capital letters with words separated by ‘\_’

e.g. MY\_MACRO