

[Component naming guidelines](#)

[Naming convention](#)

[Default Category](#)

# Component naming guidelines

This a draft.

## Naming convention

### Packages

The name of a package is choose by its author.

Do not add Py as a prefix or suffix (choose Aml rather than AmlPy)

You can create a meta-package with the name of your teams:

- - 
  -
- vplants.aml : aml is a sub-package of vplants  
Use singular names rather than plural.  
Use lower case.

*examples :*

catalog.data  
demo.stand.forestry  
vplants.plantgl

### Nodes

Explicit is better than implicit ;

Use lowercase

Differentiate nodes by ():

- 
- 
- 
-

- -
- plot2d (matplotlib), plot2d (gnuplot)

estimate sequence, estimate frequency, ?

plot3d (plantgl), plot3d (vtk)

*example :*

fread ? read file

int

scene

## Default Category

Use category and subcategory

You can use Uppercase for category name.

Python

Data: read vs load vs import | write vs save vs export family

Type:

- - 
  - 
  - 
  - 
  -
- Type.List : ex list, range, getitem

Type.Dictionary : dict, getitem,

Type.Array : array

Type.Set : set

Type.Graph

Expression: eval

Expression.Unary,

Expression.Binary,

Function:

Function.1d,

Function.2d

Math

Stat :

Stat.Sequence,

Stat.Vector,

Stat.FrequencyDistribution,

?

Plot :

Plot.2d,

Plot.3d,

Ecophysiology :

Ecophysiology.Light,

Ecophysiology.Water,

Ecophysiology.Carbon,

?

Simulation

Simulation.Meristem,

Simulation.Plant,

Simulation.Stand,

Simulation.Phyllotaxy