

# Section title

This is a placeholder for writing contents

- REFs 2x2 subfig, color, 한글 original templates 여백설정, 페이지 넘김

## Image

This is an how we can refer to an image, see figure 1.

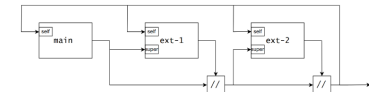
```
mygraphviz = import ./graphviz.nix {  
  inherit mkDerivation fontconfig libjpeg bzip2;  
  gd = customgd;  
};
```

Figure 1: Leopard icon

There are other ways of showing sub-images and display sub-captions like using in latex, see figure 2

Data flow of overlays

The data flow around overlays, especially regarding `super` and `self` arguments can be a bit confusing if you are not familiar with how overlays work. This graph shows the data flow.



Here the main package set is extended with two overlays, `ext-1` and `ext-2`. `x // y` is represented by a `//` box with `x` coming in from the left and `y` from above.

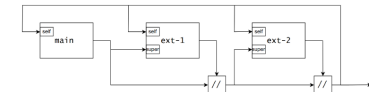
As you can see, `self` is the same for every stage, but `super` comes from only the stage before. So when you define an attribute `foo` in the set to override `x`, within that overlay `self.foo` will be its version, and `super.foo` will be the non-overridden version. This is why you see patterns like `foo = super.foo.override { ... }`.

The names `self` and `super` might remind you of inheritance in object-oriented languages. In fact, overlays are exactly the same thing as subclasses, with regards to overriding and calling methods. This data flow is also how objects know which method to call. This is probably why the two arguments got their names, too.

(a) label 1

Data flow of overlays

The data flow around overlays, especially regarding `super` and `self` arguments can be a bit confusing if you are not familiar with how overlays work. This graph shows the data flow.



Here the main package set is extended with two overlays, `ext-1` and `ext-2`. `x // y` is represented by a `//` box with `x` coming in from the left and `y` from above.

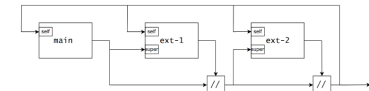
As you can see, `self` is the same for every stage, but `super` comes from only the stage before. So when you define an attribute `foo` in the set to override `x`, within that overlay `self.foo` will be its version, and `super.foo` will be the non-overridden version. This is why you see patterns like `foo = super.foo.override { ... }`.

The names `self` and `super` might remind you of inheritance in object-oriented languages. In fact, overlays are exactly the same thing as subclasses, with regards to overriding and calling methods. This data flow is also how objects know which method to call. This is probably why the two arguments got their names, too.

(b) label 2

Data flow of overlays

The data flow around overlays, especially regarding `super` and `self` arguments can be a bit confusing if you are not familiar with how overlays work. This graph shows the data flow.



Here the main package set is extended with two overlays, `ext-1` and `ext-2`. `x // y` is represented by a `//` box with `x` coming in from the left and `y` from above.

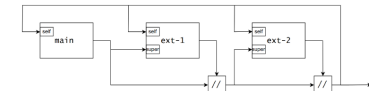
As you can see, `self` is the same for every stage, but `super` comes from only the stage before. So when you define an attribute `foo` in the set to override `x`, within that overlay `self.foo` will be its version, and `super.foo` will be the non-overridden version. This is why you see patterns like `foo = super.foo.override { ... }`.

The names `self` and `super` might remind you of inheritance in object-oriented languages. In fact, overlays are exactly the same thing as subclasses, with regards to overriding and calling methods. This data flow is also how objects know which method to call. This is probably why the two arguments got their names, too.

(c) label 3

Data flow of overlays

The data flow around overlays, especially regarding `super` and `self` arguments can be a bit confusing if you are not familiar with how overlays work. This graph shows the data flow.



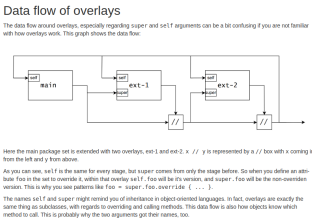
Here the main package set is extended with two overlays, `ext-1` and `ext-2`. `x // y` is represented by a `//` box with `x` coming in from the left and `y` from above.

As you can see, `self` is the same for every stage, but `super` comes from only the stage before. So when you define an attribute `foo` in the set to override `x`, within that overlay `self.foo` will be its version, and `super.foo` will be the non-overridden version. This is why you see patterns like `foo = super.foo.override { ... }`.

The names `self` and `super` might remind you of inheritance in object-oriented languages. In fact, overlays are exactly the same thing as subclasses, with regards to overriding and calling methods. This data flow is also how objects know which method to call. This is probably why the two arguments got their names, too.

(d) label 4

Figure 2: figures with captions



this is how to insert figures between paragraphs. asdkfjl  
akjwe jk ajsk jflkjflkj i akkjdxfl skdjflkj safij kasfl jlkjaij  
kljwekj jkzxnnlk; wmnzkjojsaijra . jsalkjfpjwet askljls flk a sd-  
klj asdlkfj jtdwijsf kj kjasj 한글도 사용해보자!! 색까지 넣어  
서!!

Table

Author	Email	Institution-ID
Gene Ting-Chun Kao	your.email@email.edu	1
Your name		2
another name		3

Section title

Mathematics in latex

Check equation 1.

$$f(x) = s_0 = \frac{\sum_i n_i^T (x - x_i) \Phi_i(x)}{\sum_i \Phi_i(x)} \tag{1}$$

To have a set of equations and to align them:

$$\begin{aligned} \max \quad & \mathbf{c}^T \mathbf{x} \\ \text{s.t.} \quad & \mathbf{Ax} \leq \mathbf{b} \\ & \mathbf{x} \geq \mathbf{0} \end{aligned} \tag{2}$$

Graph

Check out the graph in figure 3.

---

**Algorithm 1** How to write algorithms

**Result:** Optimal  $Q^* = Q_{Best} \in \Omega$

$$Pop \ Q_k \in \Omega$$

Compare  $I_{ij}$  from  $O_i$  and  $OBest$

$$| \quad QBest = Q_k$$

*Split*

1 and best candidate from  $\mathcal{Q}_I$  and  $\mathcal{Q}_{II}$  and add them to stack  $\mathcal{S}$ .

---

This flowchart in Fig. 4 is modified from this latex code.

This is how we can cite paper [1].

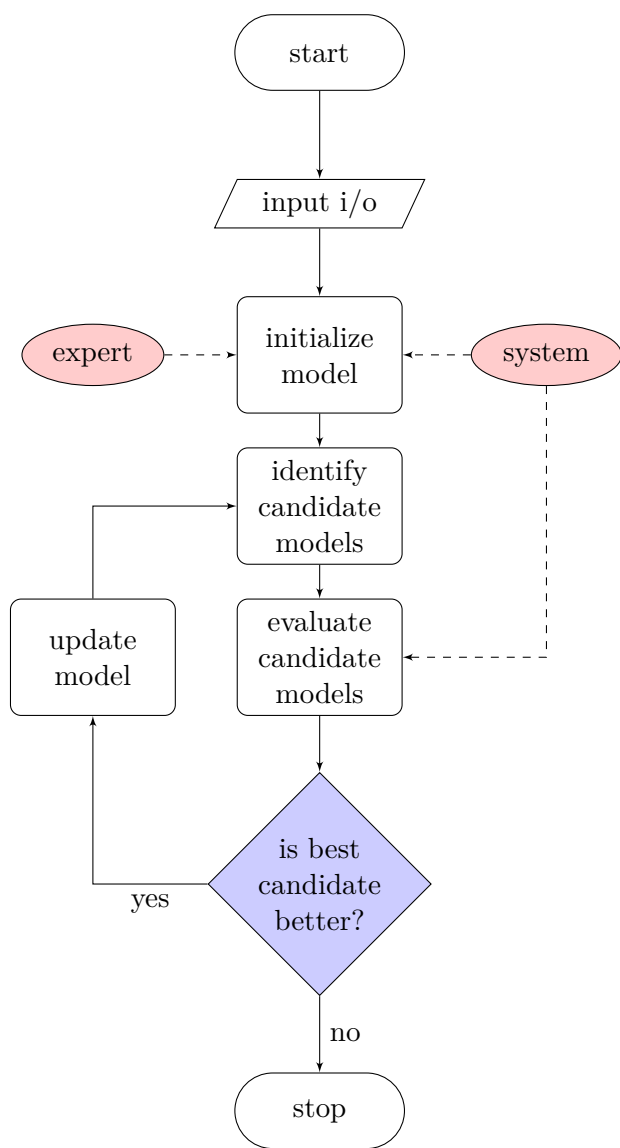


Figure 4: This is my flow chart