

nn::Module

```
classDiagram
    class nnModule["nn::Module"]
    class focalLoss["focalloss.FocalLoss"]
    focalLoss --|> nnModule
```

The diagram illustrates a class hierarchy. At the top is the 'nn::Module' class, represented by a rectangle with three horizontal compartments. The top compartment contains the text 'nn::Module', while the two lower compartments are empty. Below this class is the 'focalloss.FocalLoss' class, represented by a rectangle with three horizontal compartments. The top compartment contains the text 'focalloss.FocalLoss'. The middle compartment lists five attributes, each preceded by a '+' sign: 'num_class', 'alpha', 'gamma', 'smooth', and 'size_average'. The bottom compartment lists two methods, each preceded by a '+' sign: '__init__()' and 'forward()'. A blue arrow with an open triangular head points from the top of the 'focalloss.FocalLoss' class to the bottom of the 'nn::Module' class, indicating that 'focalloss.FocalLoss' inherits from 'nn::Module'.

focalloss.FocalLoss

+ num_class
+ alpha
+ gamma
+ smooth
+ size_average

+ __init__()
+ forward()