

```
1. def FEcallback(inputframe):  
2.     FECnn = CnnAcc.run(inputframe)  
3.     result = FEpostprocess(FECnn)  
  
4. def main():  
5.     CnnAcc= InitAccelerator(priority=0)  
6.     Subscriber = Node.subscribe(InputframeTopic, FEcallback)  
7.     Subscriber.Spin()
```

(a) ROS example for FE node

```
1. def PRcallback(inputframe):  
2.     ... // run CNN and post-processing for PR  
  
3. def main():  
4.     CnnAcc= InitAccelerator(priority=1)  
5.     ... // Subscribe to topic
```

(b) ROS example for PR node