```python
1    #!/usr/bin/python3.4
2    # -*-coding:Utf-8 -*
3
4    from lib.inject_arguments import inject_arguments
5    from lib.XMLRepr import XMLRepr
6
7    from src.EvolutiveGenerator .GeneticElement import GeneticElement
8
9
10   class ActionEventData (GeneticElement, XMLRepr):
11       """An action event data, part of a neuron """
12
13       @inject_arguments
14       def __init__(self, action_class, duration):
15           pass
16
17
18       def buildAction(self, event):
19           return self.action_class(self.duration, event.current_frame)
20
21
22       def reprJSON(self):
23           return {
24               'action_class': self.action_class.__name__,
25               'duration': self.duration
26           }
27
28       def __repr__(self):
29           return super().__repr__(__dict__=self.reprJSON())
```