

# Code Smell Summary: keras-master

## [ Long Methods ]

- Number of Long Methods / Total number of Methods: 50 / 2841

- Longest Method:

\* File Name: 688training.py

\* Line Number: 40

\* Number of Statements: 235

## [ Long Parameter ]

- Number of Methods with Long Parameter / Total number of Methods: 163 / 2841

- Method with Longest Parameter:

\* File Name: 5928convolutional\_recurrent.py

\* Line Number: 910

\* Number of Parameters: 26

## [ Long Branches ]

- Number of Long Branches: 74

- Longest Branch:

\* File Name: 688training.py

\* Line Number: 40

\* Number of Branches: 74

## [ Too Many Attributes in Class ]

- Number of Classes with Many Attributes: 43/225

- Class with most Attributes:

\* File Name: 5928convolutional\_recurrent.py

- \* Line Number: 470

- \* Number of Attributes in Class: 41

#### [ Too Many Methods in Class ]

- Number of Classes with Many Methods: 4/225

- Class with most methods:

- \* File Name: 39132backend\_test.py

- \* Line Number: 235

- \* Number of Methods in Class: 86

#### [ Useless Try/Except Clauses ]

- Number of Useless Try-Except / Total Try-Except: 11/87

#### [ Shotgun Surgery ]

- Smelly Class / Total Class: 183/225

- Class with Most External Functions:

- \* File Name: 39132backend\_test.py

- \* Class Name: TestBackend

- \* Number of External Function Calls: 922

#### [ Class Cohesion ]

- Classes with Low Cohesion/Total number of Classe: 18/225

#### [ Code Complexity ]

- Blocks with Cyclomatic Complexity Rank Lower than 'C' / Total Number of Code Blocks: 140/3066

#### [ Long Lambda ]

- Number of Long Lambda Functions / Number of Lambda Functions: 51/111

- Longest Lambda:

- \* Filename: 169178addition\_rnn.py

\* Line Number: 103

\* Lambda Length: 115

[ Long List Comprehension ]

- Number of Long List Comprehension / Number of List Comprehensions: 323/406

- Longest List Comprehension:

\* Filename: 145118convolutional\_test.py

\* Line Number: 371

\* List Comprehension Length: 457



