# span_fitting



```
# -*- coding:utf-8 -*-
#
# written by Shotaro Fujimoto
# 2017-01-23
```

## Modules

numpy matplotlib.pyplot

## Classes

SpanFitting

class **SpanFitting**

```
Fitting (x, y) data interactively
```

Methods defined here:

**__init__**(self, ax, x, y, optimizer, parameters, attacth_text=True, attacth_label=False)

```
=== Arguments ===
ax: matplotlib.Axes
x, y: raw data (1-d array)
optimizer: Optimizer class
           --- self.func(parameters, x, y): calc residual(= y - f(x))
           --- self.fitting(): return fitted parameters
           --- self.fitted(x): return f(x) with fitted patramere
parameters: (list) used for optimizer
attacth_text: (bool) fitted paramter will be shown near the fitted curve
attacth_label: (bool) fitted paramter will be shown in a legend
```

**onselect**(self, vmin, vmax)

**start**(self)

## Data

**print_function** = _Feature((2, 6, 0, 'alpha', 2), (3, 0, 0, 'alpha', 0), 65536)