
Breathe Sample Documentation

1.0.0

Eevee

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CHAPTER 1

`stream/stream.hpp`

2.1 Sum

```
template <typename T>  
struct Sum
```

Public Functions

```
Sum ()
```

```
T Zero ()
```

Return

```
void operator() (T n)
```

Parameters

- `n`:

Public Members

```
T sum
```


3.1 accumulate

```
template <typename It, typename Result = typename std::iterator_traits<It>::value_type>  
Result stream::accumulate (It first, It last)
```

Return

Parameters

- first:
- last:

3.2 average

```
template <typename It, typename Result = typename std::iterator_traits<It>::value_type>  
Result stream::average (It first, It last)
```

Return

Parameters

- first:
- last:

3.3 average_float

```
template <typename It>  
float stream::average_float (It first, It last)
```

Return

Parameters

- first:
- last:

S

`stream::Sum(C++), 3`