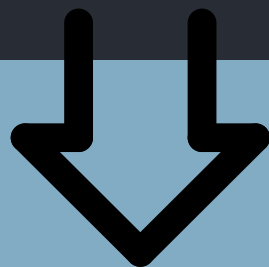# SORTSET<T>

SortSet<T> represents a sorted collection of unique elements

```csharp
SortedSet<int> numbers = new SortedSet<int>();
numbers.Add(5);
numbers.Add(3);
numbers.Add(8);
numbers.Add(1);

foreach (int number in numbers)
{
    Console.WriteLine(number);
}
```

```
1
3
5
8
```

BENCHMARK

SortSet<T> provides efficient methods for performing operations based on element positions

```csharp
[Benchmark]
0 references
public int SortSet_MinMax()
{
    return sortSet.Min + sortSet.Max;
}


[Benchmark]
0 references
public int Enumerable_MinMax()
{
    return enumerable.Min() + enumerable.Max();
}
```

BENCHMARK RESULT

CollectionSize = 100000

Method	Mean	Error	StdDev
SortSet_MinMax	13.95 ns	0.208 ns	0.255 ns
Enumerable_MinMax	584,682.33 ns	9,842.887 ns	9,207.042 ns

THANKS FOR READY

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