LinksPlatform's Platform.Setters Class Library

1.1 ./SetterBase[TResult].cs

```csharp
using System.Runtime.CompilerServices;

#pragma warning disable CS1591 // Missing XML comment for publicly visible type or member

namespace Platform.Setters
{
    /// <remarks>
    /// Must be class, not struct (in order to persist access to Result property value).
    /// </remarks>
    public abstract class SetterBase<TResult>
    {
        protected TResult _result;
        public TResult Result => _result;
        protected SetterBase() { }
        protected SetterBase(TResult defaultValue) => _result = defaultValue;
        [MethodImpl(MethodImplOptions.AggressiveInlining)]
        public void Set(TResult value) => _result = value;
    }
}
```

1.2 ./Setter[TResult, TDecision].cs

```csharp
using System.Collections.Generic;
using System.Runtime.CompilerServices;

#pragma warning disable CS1591 // Missing XML comment for publicly visible type or member

namespace Platform.Setters
{
    public class Setter<TResult, TDecision> : SetterBase<TResult>
    {
        private readonly TDecision _trueValue;
        private readonly TDecision _falseValue;

        public Setter(TDecision trueValue, TDecision falseValue, TResult defaultValue)
            : base(defaultValue)
        {
            _trueValue = trueValue;
            _falseValue = falseValue;
        }

        public Setter(TDecision trueValue, TDecision falseValue) : this(trueValue, falseValue,
        ↪   default) { }

        public Setter(TResult defaultValue) : base(defaultValue) { }

        public Setter() { }

        [MethodImpl(MethodImplOptions.AggressiveInlining)]
        public TDecision SetAndReturnTrue(TResult value)
        {
            _result = value;
            return _trueValue;
        }

        [MethodImpl(MethodImplOptions.AggressiveInlining)]
        public TDecision SetAndReturnFalse(TResult value)
        {
            _result = value;
            return _falseValue;
        }

        [MethodImpl(MethodImplOptions.AggressiveInlining)]
        public TDecision SetFirstAndReturnTrue(IList<TResult> list)
        {
            _result = list[0];
            return _trueValue;
        }

        [MethodImpl(MethodImplOptions.AggressiveInlining)]
        public TDecision SetFirstAndReturnFalse(IList<TResult> list)
        {
            _result = list[0];
            return _falseValue;
        }
    }
}
```

1.3 ./Setter[TResult].cs

```
1  using System.Runtime.CompilerServices;
2
3  #pragma warning disable CS1591 // Missing XML comment for publicly visible type or member
4
5  namespace Platform.Setters
6  {
7      public class Setter<TResult> : SetterBase<TResult>
8      {
9          public Setter(TResult defaultValue) : base(defaultValue) { }
10
11         public Setter() { }
12
13         [MethodImpl(MethodImplOptions.AggressiveInlining)]
14         public bool SetAndReturnTrue(TResult value)
15         {
16             _result = value;
17             return true;
18         }
19
20         [MethodImpl(MethodImplOptions.AggressiveInlining)]
21         public bool SetAndReturnFalse(TResult value)
22         {
23             _result = value;
24             return false;
25         }
26     }
27 }
```

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