



**One Fox**

| Enterprise Project Management  
| Electronic Document Management  
| Information Worker

# Basic Generic understanding

One Fox  
College I



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Sourcecode ->  
Precompiler -> Compiler -  
> Assembly



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# Sourcecode:

```
public class Printer<T>{  
    void Do(T value){  
        Console.Write(value.ToString())  
    }  
}
```

```
Run(){  
    Printer<int> p1 = new Printer();  
    Printer<string> p2 = new Printer();  
    p1.Do(5); p2.Do("test");  
}
```



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# Precompiler results:

```
public class Printer_1{
    void Do(int value){
        Console.Write(value.ToString())
    }
}
public class Printer_2{
    void Do(string value){
        Console.Write(value.ToString())
    }
}
```

```
Run()
```

```
{
```

```
Printer_1 p1 = new Printer_1();
```

```
Printer_2 p2 = new Printer_2();
```

```
p1.Do(5); p2.Do("test");
```

```
}
```