

## 文章

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## ObjectScript 错误处理片段

ObjectScript 至少有三种处理错误的方法（状态代码 status codes、异常 exceptions、SQLCODE 等）。大多数系统代码使用状态码，但由于一些原因，异常更容易处理。在处理遗留代码时，你要花一些时间在不同的技术之间进行转换。我经常使用这些片段作为参考。希望它们对其他人也是有用的。

```
///Status from SQLCODE:
set st = $$$ERROR($$$SQLError, SQLCODE, $g(%msg)) //embedded SQL
set st = $$$ERROR($$$SQLError, rs.%SQLCODE, $g(rs.%Message)) //dynamic SQL
///Exception from SQLCODE:
throw ##class(%Exception.SQL).CreateFromSQLCODE(SQLCODE,%msg) //embedded SQL
throw ##class(%Exception.SQL).CreateFromSQLCODE(rs.%SQLCODE,rs.%Message)
//dynamic SQL
throw:(SQLCODE'=0)&&(SQLCODE'=100) ##class(%Exception.SQL).
CreateFromSQLCODE(SQLCODE,%msg) //don't throw if query succeeds or finds no data
///Exception from status:
$$$ThrowOnError(st)
///Status from exception:
set st = err.AsStatus()
///Creating a custom error status:
set st = $$$ERROR($$$GeneralError,"Custom error message")
///Throwing a custom exception:
$$$ThrowStatus($$$ERROR($$$GeneralError,"Custom error message"))
///Handling a SOAP error with a status:
try {
  //SOAP request code
} Catch err {
  If err.Name["ZSOAP" {
    Set st = %objlasterror
  } Else {
    Set st = err.AsStatus()
  }
}
return st
///Defining a custom exception class
Class App.Exceptions.SomeException Extends %Exception.AbstractException
{
Method OnAsStatus() As %Status
{
  return $$$ERROR($$$GeneralError,"Custom error message")
}
}
///Throwing and catching a custom exception
try {
  throw ##class(App.Exceptions.SomeException).%New()
} catch err {
  if err.%ClassName(1) = ##class(App.Exceptions.SomeException).%ClassName(1) {
    //some handling unique to this type of exception
  }
}
```

```
}  
}
```

[#Code Snippet](#) [#ObjectScript](#) [#错误处理](#) [#Caché](#) [#InterSystems IRIS](#)

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### 源

URL:

<https://cn.community.intersystems.com/post/objectscript-%E9%94%99%E8%AF%AF%E5%A4%84%E7%90%86%E7%89%87%E6%AE%B5>