
文章

[Michael Lei](#) · 八月 9, 2022 阅读大约需 2 分钟

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](#)

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>