

文章

[Louis Lu](#) · 十一月 16, 2021 阅读大约需 2 分钟

如何为 JSON 对象中的某个属性创建索引

内容摘自英文社区，原文见[这里](#)。主要解答了如何对于JSON对象中的某个字段创建索引。

在解答中[Robert Cemper](#)给出了下面示例

主要思路是将%Stream --> %DynamicObject --> 提取索引字段内容保存到计算字段内

```
Property JSON As %Stream.GlobalCharacter;  
  
Property FirstName As %String [ Calculated, SqlComputed , SqlComputeCode = { set {*}=.  
..GetDyn({ID},"FirstName") } ];  
  
Property LastName As %String [ Calculated, SqlComputed , SqlComputeCode = { set {*}=.  
..GetDyn({ID},"LastName") } ];  
  
Index fn on FirstName; Index ln on LastName;  
  
ClassMethod GetDyn(ID As %Integer, item = "") As %String  
{  
    set JSON=..%OpenId(ID).JSON  
    do JSON.Rewind()  
    set st=JSON.Read(3000000)  
    set dyno={}.%FromJSON(st)  
    set rep=$Property(dyno,item)  
    quit rep  
}
```

同时 [Eduard Lebedyuk](#) 给出了另一种写法，注意其中JSON 保存为%Library.DynamicAbstractObject

```
/// This property holds the document state. Serialization is JSON.  
Property JSON As %Library.DynamicAbstractObject;  
  
/// This is an automatically calculated property "$.firstName"  
Property firstName As %VarString [ SqlComputeCode = { set {*}=$$%EvaluatePathOne^%Doc  
DB.Document({JSON},"$.firstName")}, SqlComputed, SqlComputeOnChange = %Doc ];  
  
/// Index on firstName property  
Index firstName On firstName;
```

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源

URL:<https://cn.community.intersystems.com/post/%E5%A6%82%E4%BD%95%E4%B8%BA-json-%E5%AF%B9%E8%B1%A1%E4%B8%AD%E7%9A%84%E6%9F%90%E4%B8%AA%E5%B1%9E%E6%80%A7%E5%88%9B%E5%BB%BA%E7%B4%A2%E5%BC%95>