

Article

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How to dismount/mount a database programmatically

to dismount/mount a database, use Dismount() and Mount() methods in SYS.Database class available in %SYS namespace.

NB: the database ID is its Directory

You'll find some examples of how to dismount/mount and check if a database is mounted (Mounted=1) or not (Mounted=0), and quickly see all the attributes of a database (via zwrite)

```
%SYS>set db="/opt/irisapp/data"
```

```
%SYS>w ##class(SYS.Database).%OpenId(db).Mounted
```

```
1
```

```
%SYS>w ##class(SYS.Database).%OpenId(db).Dismount()
```

```
1
```

```
%SYS>w ##class(SYS.Database).%OpenId(db).Mounted
```

```
0
```

```
%SYS>w ##class(SYS.Database).%OpenId(db).Mount()
```

```
1
```

```
%SYS>w ##class(SYS.Database).%OpenId(db).Mounted
```

```
1
```

```
%SYS>zw ##class(SYS.Database).%OpenId(db)
```

```
+----- general information -----
|      oref value: 3
|      class name: SYS.Database
|      %%OID: $lb("/opt/irisapp/data","SYS.Database")
| reference count: 2
+----- attribute values -----
|      %Concurrency = 0 <Set>
|      BlockFormat = 2
|      BlockSize = 8192 <Set>
|      Blocks = 780288
|      BlocksPerMap = 62464
|      ClusterMountMode = 0 <Set>
|      ClusterMounted = 0 <Set>
|      CurrentMaps = 13
|      Directory = "/opt/irisapp/data/" <Set>
|      DirectoryBlock = 3
|      EncryptedDB = 0 <Set>
|      EncryptionKeyID = ""
|      Expanding = 0
|      ExpansionSize = 0 <Set>
|      Full = 0
|      GlobalJournalState = 3 <Get,Set>
|      InActiveMirror = 0
|      LastExpansionTime = "09/06/2023 20:00:01"
|      MaxSize = 0 <Set>
| MirrorActivationRequired = 0
|      MirrorDBCatchup = 0
|      MirrorDBCreatedNew = 0
```

```
|      MirrorDBName = ""
|      MirrorDBPaused = 0
|      MirrorFailoverDB = 0
|      MirrorNoWrite = 0
|      MirrorObsolete = 0
|      MirrorSetName = ""
|      Mirrored = 0
|      Mounted = 1
|      NewGlobalCollation = 5 <Set>
|      NewGlobalGrowthBlock = 50 <Set>
|      NewGlobalIsKeep = 0 <Set>
|      NewGlobalPointerBlock = 16 <Set>
|      NumberOfConfigDB = 0
|      R0ReasonCode = 0
|      R0ReasonText = ""
|      ReCreate = 0
|      ReadOnly = 0 <Set>
|      ReadOnlyMounted = 0
|      Reinitialize = 0
|      RequestSize = 0
|      ResourceName = "%DB_IRISAPP-DATA"
|      RunCatchupDBOnCreate = 1
|      SFN = 6
|      Size = 6096 <Set>
|      Skeleton = 0
|      SparseDB = 0
+-----+
%SYS>
```

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Source URL: <https://community.intersystems.com/post/how-dismountmount-database-programmatically>