



Using CreateGlobal ^%DM to Set Collation for National Language Support (NLS)

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Using CreateGlobal ^%DM to Set Collation for National Language Support (NLS)

This document describes how to create globals with correction collation for use in conjunction the National Language Support in Caché.

Since Cache 4.1, the collation of newly created globals is automatically set to the default collation of the database where the global is created. When a database is created, you can set the default collation of the database—either Caché Standard or to one of the collations installed on the system. Once the default collation of the database is set, any globals created in this database are created with this default collation.

Because any globals created in a database have the database's default collation, Caché also supports the ability to override this behavior. To do this, use the **CreateGlobal^%DM** routine to create a global with the collation desired:

```
CreateGlobal^%DM(ns,global,collation,protect,journal,keep,ptrblk,growthblk)
```

where:

- *ns*—Specifies the namespace, where “” indicates the current namespace, or “^^directoryname” references a specific directory.
- *global*—Specifies the global name, including leading “^”, such as ^cz2.
- *collation*—Specifies the collation, where collation is one of the [supported collations](#).
- *protect*—Specifies the protection attributes for the global, where is 195 for default protection (RWD,N,N,RWD) This parameter is typically not supplied.
- *journal*—Specifies whether a global will be journaled if the Journal Mode specifying selected globals option is set in the Configuration Manager. 0 means do not journal, 1 means journal. This parameter is typically not supplied.
- *keep*—Specifies whether or not to keep the global's directory entry when the global is killed. Setting this to 1 preserves the collation, protection, and journal attributes if the global is killed. This parameter is typically not supplied.

- *ptrblk*—Specifies the starting block for pointers. This parameter is typically not supplied.
- *growthblk*—Specifies the starting block for data. This parameter is typically not supplied.

In environments where some globals require different collations from other globals, InterSystems recommends that a database be set up for each different collation, and that a global mapping be added to the namespace which maps each global to the database with its required collation. This method allows mixed collations to be used without changing application code to use the **CreateGlobal%DM** API.

Note: In older versions of Caché, a newly created global would have the default collation of the process creating it. This method of setting the collation is no longer supported.

1 Supported Collations

The following are supported in Caché, for use in the collation argument of the **CreateGlobal^%DM** routine:

- 5—Cache standard
- 10—German1
- 11—Portuguese1
- 12—Polish1
- 13—German2
- 14—Spanish1
- 15—Danish1
- 17—Greek1
- 18—Czech1
- 19—Czech2
- 20—Portuguese2
- 21—Finnish1
- 22—Japanese1
- 23—Cyrillic2
- 24—Polish2

- 26—Chinese2

