

Activating and Checking for the isCOBOL License

The *iscobol.properties* file has two main uses: as a license file and as a configuration file for the compiler or the runtime framework. During installation, the setup asks if the user wants to activate the licenses or skip the activation.

- If the user decides to activate the licenses during the installation, the wizard will create an *iscobol.properties* license file in C:\Users%username% in Windows or \$HOME in Unix.
- If the user chooses to skip the activation, the license will need to be manually put in one of the folders mentioned below.

isCOBOL looks in multiple places for a license file. The runtime, compiler and other licensed add-ons will look for the license file in the following order:

Windows

- 1. *etciscobol.properties* in the drive where the working directory is
- 2. C:\Users<username>iscobol.properties (the setup wizard saves licenses here, if you don't skip activation)
- 3. *iscobol.properties* found in the Java Classpath
- 4. custom configuration file passed on the command line
- 5. %ISCOBOL%iscobol.properties

Unix/Linux

- 1. /etc/iscobol.properties
- 2. \$HOME/iscobol.properties
- 3. *iscobol.properties* found in the Java Classpath
- 4. custom configuration file passed on the command line
- 5. \$ISCOBOL/iscobol.properties

Users can put all their configuration properties and license information in one file, but we suggest keeping the license information separate. For example:

iscobol.properties as a License file:

```
# Company: MyCompnay# License ID: 123456/5/4/5/permanent# Expiration Date: noneiscobol.
license.YYYY=XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXiscobol.compiler.license.YYYY=XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXX
```

iscobol.properties as a runtime configuration file:

```
iscobol.file.errors_ok=2iscobol.file_prefix=?path. . .
```

iscobol.properties as a compiler configuration file:

```
iscobol.compiler.regexp="( ?i)(STOP)??(RUN)" "GOBACK"iscobol.compiler.messagelevel.106=0iscobol.compiler.messagelevel.154=0. . .
```

To see your license information, execute the following command:

```
iscrun -license
```

This command will return the location of all *iscobol.properties* files found in the locations above. For instance the `-license` command may find potential license files in two places, and report it like this:

```
C:\etciscobol.properties: MyCompany##123456=/5/4/5/permanentC:\Users\Useriscobol.properties: => invalid or missing license
```

These messages indicate that a license was found in `c:\etciscobol.properties`. The runtime also found `iscobol.properties` in the user's folder, but that file didn't contain any license information.

Online URL: <https://support.veryant.com/phpkb/article.php?id=293>