

# Does MIB Designer support UTF-8 (UTF-16) for SMI specification files?

MIB Designer supports UTF character sets, because it is written in Java. You can enable UTF-8, for example, by running MIB Designer with

```
java -Dfile.encoding=UTF-8 -jar mibdesigner.jar
```

However, SMI does only allow 7bit-ASCII characters and

- carriage-return (CR)
- line-feed (LF)
- tabulators (e.g. TAB)
- spaces

for all text enclosed in double quotes (") within a MIB file.

As a consequence, MIB Designer will **refuse to compile/edit files with UTF-8** specific characters. Instead it will display an error message and mark the offending character in the MIB compiler log and file text.