

# BNCS Reserved Characters

## Description

This is a list of those characters that are reserved within a BNCS system.

Some are at system level and have serious impact – e.g. may completely disrupt the transmission or interpretation of a message. These are flagged below with **!**

Character	Impact	Module/Layer	Notes
: (colon)	!	Network / FABIAN / ApplCore	Command delimiter e.g. IW 123 '1' 1:IW 123 '1' 2
' (single quote)	!	Network / FABIAN / ApplCore	String Delimiter See example above
" (double quote)		ApplCore	This is only an ApplCore restricted character and may be used in other modules
. (period)	!	BNCSi Clients / Qt visual components	Delimiter e.g. colour.background=red
=	!	BNCSi Clients / Qt visual components	See example above
 (pipe)		ApplCore / BNCSi Clients	New line delimiter in strings – may be used for other purposes
%	!	Everywhere	Whilst in theory shouldn't be a show-stopper the % symbol is very often used with applications as a target for text replacement when building strings in C/C++ applications. Finding it in the data therefore can cause all sorts of problems if that application hasn't been designed for it (the author's experience shows this is most places)