TCM

CART Version 1.000 used a different type of FSDB (file state database).
For version 1.000 we would pre-compile all 'do' files into ./compiled-classes/direct and tls_csv/* etc. The compiled classes would be part of the FSDB.
This was a bad idea ! since if something changed and we needed to recompile the 'do' files, we had to use 'revamp.py' and create a new FSDB.

With version 1.100 and higher of CART, we always have VCCK recompile the do files. In other words, all FSDBs for VCCK testing under CART contain only raw 'do' files. Again, FSDBs for VCCK version 1.000 (and only 1.000) contain precompiled 'do' files. Now we don't store pre-compiled, we have VCCK take in only raw 'do' files and compile them as part of the testing process. So all FSDBs for VCCK version 1.100 and higher contain only raw to-be-compiled 'do' files.

There is no 'verify' option for TCM for when working with VCCK version 1.1 or higher.
The operations that have changed for v1.1 of TCM are:

(a) create
(b) install
(c) clear

For version 1.000 (And only 1.000), when you use any of the above commands with TCM, the v1.000.conf is consulted to see what files should be in the FSDB.

For version 1.1 and after, TCM does not have to consult your v1.100.conf, (or v2.000.conf, or whatever version you are on) to find out what set of files and directories to include in your FSDB. Why ? because for version 1.1 and higher, TCM knows that the only thing that is included in an FSDB file is one directory :

"cart_raw_do"

so 'create', 'install', 'clear' only look at that single directory when performing whatever operation is requested.

When you run TCM specifically with version 1.000 of VCCK, then you have the 'verify' operation available. Why, because for v1.000, TCM looks at the v1.000.conf file to know what list of files and directories are required for a valid FSDB file. But for version 1.1 or higher, an FSDB file always contains only a "cart_raw_do" file.

Contents of the ./cart_raw_do directory.

Let's suppose you had a (after version 1.000 file) v1.100.conf containing

areas = x,y

[myfsdb_a:x,y]
"line 1"
"line 2"
"line 3"

[myotherfsdb:j,k]
"line 4"
"line 5"
"line 6"
"line 7"

So, since this is a non-version 1.000 version of VCCK we are testing, the FSDB file will NOT contain precompiled 'do' files... we feed it raw 'do' files to set up the file state.

If you needed 3 'do' files to be processed before processing "line 1" of FSDB "myfsdb.tar.gz", then the contents of myfsdb.tar.gz would have to be, as an example:

cart_raw_do/do0-a
cart_raw_do/do0-b
cart_raw_do/do0-c

So then VCCK would, before processing "line 1", it would move each one of the above files into 'do' and process it, then process input "line 1".

If you needed say another 4 'do' files processed before processing "line 3", then "myfsdb.tar.gz" would also have to contain:

cart_raw_do/do2-file1
cart_raw_do/do2-file2
cart_raw_do/do2-file3
cart_raw_do/do2-file4

the '-file\d+' part does not matter, as long as the set of files start with "do2". the 2 means index 2 .. which "line 3" is.

Again, "line 3" is at index:2, so that is why the file names start with 'do2'. whatever comes after does not matter, VCCK will process all files that start with "do2" before processing the input line at index 2.

As another example, for FSDB called "myotherfsdb", if we needed 2 'do' files processed before processing the LUI "line 7", then....
well, first off "line 7" is at index what? index 3 of course.

so the files would have to start with "do3".

Thus, the myotherfsdb.tar.gz file would contain:

```
cart_raw_do/do3-fileA
cart_raw_do/do3-fileB
cart_raw_do/do3-fileC
```

Again, 'fileA', 'fileB', 'fileC' could be any name, as long as they start with 'do3'. since you want VCCK to process this set of files before processing LUI at index:3 , for that FSDB.

CART

Nothing has really changed for using CART with VCCK versions after 1.000, the only difference is the structure and meaning of the FSDB file. The new FSDB structure and semantics are covered above under TCM.

CART is not affected by the change in meaning/structure of the FSDB files. TCM is the only utility that was directly affected by the change in meaning of FSDB files for VCCK versions after 1.000.