

.qdksave files are created at upgrade

Problem

At an upgrade the installed version of a configuration file is replaced by the configuration file included in the QPKG and a copy of it is saved with a .qdksave suffix.

Solution

Modify the installed configuration file with any required changes and set the MD5 sum for the configuration file to the same as the value for the configuration file that is included in the QPKG,

```
set_qpkg_config CONFIG_FILE MD5SUM
```

Discussion

When the installed configuration file has been modified, but the new and original files are not identical it is possible that the local modifications are not valid any longer, so the installed file is replaced with the new file. A backup of the installed file is, however, saved with the name `file.qdksave` and a message is written to the system log.

This is the generic behaviour, but the package builder, who has better knowledge about what has been modified in the configuration file can change this behaviour in the `pkg_init` function. Because the configuration file in the package has changed it might be necessary to modify the installed configuration file, too. Using for example `$CMD_GREP` to find out if the modification has already been performed by the user might be a good start, next it is possible to use `$CMD_SED` to add the modification at any location in the file or `$CMD_ECHO` to append it to the end of the file.

By updating the MD5 sum for the configuration file the package builder acknowledge that the installed configuration is up to date and can be used with the new package. This change must be performed in the `pkg_init` function, before the configuration files are compared in the pre-install phase.