

Handle unknown configuration files

Problem

When you start using QPKG_CONFIG for a configuration file that already exists in previous versions of the package the file is not restored the first time you upgrade the package (a copy is saved with a *.qdkorig* suffix, though).

Solution

Add the configuration file using `add_qpkg_config` in the package specific initialization function.

```
pkg_init(){  
    add_qpkg_config myApp.conf 6d7fce9fee47aa94118b5b6e47267f03  
}
```

Discussion

The situation with unknown configuration files usually occur when a QPKG package is created for an application that was previously installed manually or when there have been previous QPKG packages without support for handling configuration files (either because of non-QDK created QPKG packages or using an older version of QDK).

The reason that unknown configuration files are not restored automatically is that they cannot be trusted to work with a new package. To handle this situation the package builder must acknowledge that the unknown configuration files can be trusted at an upgrade in the `pkg_init` function. The package builder can do this by adding the configuration file and the md5sum to the `SYS_QPKG_CONFIG_FILE` using the `add_qpkg_config` support function.

The `add_qpkg_config` function takes two arguments, the name of the configuration file and the md5sum value. The md5sum value is for the original file (i.e. the one included in the package). For configuration files created at installation time the md5sum should be set to 0 (also see Configuration file created at installation). The `add_qpkg_config` function checks that the configuration file isn't already added to `SYS_QPKG_CONFIG_FILE` before adding it, so it won't modify existing values.