**NAME**
   **decryptcore** - decrypt a core dump of the operating system

**SYNOPSIS**
   **decryptcore** [**-fLv**] **-p** *privatekeyfile* **-k** *keyfile* **-e** *encryptedcore* **-c** *core*
   **decryptcore** [**-fLv**] [**-d** *crashdir*] **-p** *privatekeyfile* **-n** *dumpnr*

**DESCRIPTION**
   The **decryptcore** utility first decrypts *keyfile* using *privatekeyfile* and then uses the resulting key to
   decrypt *encryptedcore* saved by savecore(8).  The result is saved in *core*.

   Alternatively a user can decrypt a core dump numbered *dumpnr* from the *crashdir* directory.  In this case
   a dump key from the *key.#* file is used and the result is saved in the *vmcore.#* file where "#" corresponds
   to *dumpnr*.

   By default **decryptcore** does not overwrite an old core dump as a user might want to store the core
   somewhere else for the future.  This behaviour can be changed using the **-f** flag.

   The **decryptcore** utility can be started with the following command line arguments:

   **-f**                Remove a decryped core dump if it already exists.

   **-L**                Write log messages to syslogd(8).

   **-v**                Print or log verbose/debugging information.  This option can be specified multiple
                         times to raise the verbosity level.

   **-p** *privatekeyfile*   Specify location of a private key file which will be used to decrypt a dump key file.

   **-k** *keyfile*        Specify location of a dump key file.

   **-e** *encryptedcore*   Specify location of an encrypted core.

   **-c** *core*           Specify location of a resulting decrypted core dump.

   **-d** *crashdir*        Specify an alternative crash dump directory.  The default crash dump directory is
                         */var/crash*.

   **-n** *dumpnr*          Specify a number of a crash dump to be decrypted.

**EXIT STATUS**

The **decryptcore** utility exits 0 on success, and >0 if an error occurs.

**SEE ALSO**

kgdb(1) (*ports/devel/gdb*), capsicum(4), dumpon(8), savecore(8), syslogd(8)

**AUTHORS**

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