

## NAME

**gpg-preset-passphrase** - Put a passphrase into gpg-agent's cache

## SYNOPSIS

**gpg-preset-passphrase** [*options*] [*command*] *cache-id*

## DESCRIPTION

The **gpg-preset-passphrase** is a utility to seed the internal cache of a running **gpg-agent** with passphrases. It is mainly useful for unattended machines, where the usual **pinentry** tool may not be used and the passphrases for the to be used keys are given at machine startup.

Passphrases set with this utility don't expire unless the **--forget** option is used to explicitly clear them from the cache --- or **gpg-agent** is either restarted or reloaded (by sending a SIGHUP to it). Note that the maximum cache time as set with **--max-cache-ttl** is still honored. It is necessary to allow this passphrase presetting by starting **gpg-agent** with the **--allow-preset-passphrase**.

**gpg-preset-passphrase** is invoked this way:

```
gpg-preset-passphrase [options] [command] cacheid
```

*cacheid* is either a 40 character keygrip of hexadecimal characters identifying the key for which the passphrase should be set or cleared. The keygrip is listed along with the key when running the command: **gpgsm --dump-secret-keys**. Alternatively an arbitrary string may be used to identify a passphrase; it is suggested that such a string is prefixed with the name of the application (e.g **foo:12346**).

One of the following command options must be given:

### **--preset**

Preset a passphrase. This is what you usually will use. **gpg-preset-passphrase** will then read the passphrase from **stdin**.

### **--forget**

Flush the passphrase for the given cache ID from the cache.

The following additional options may be used:

### **-v**

### **--verbose**

Output additional information while running.

### **-P** *string*

### **--passphrase** *string*

Instead of reading the passphrase from **stdin**, use the supplied *string* as passphrase. Note that this makes the passphrase visible for other users.

## SEE ALSO

[gpg\(1\)](#), [gpgsm\(1\)](#), [gpg-agent\(1\)](#), [scdaemon\(1\)](#)

The full documentation for this tool is maintained as a Texinfo manual. If GnuPG and the info program are properly installed at your site, the command

```
info gnupg
```

should give you access to the complete manual including a menu structure and an index.