

gpg command line examples

Creating Your Key

Before you can encrypt or sign files with GPG you must have a key.

```
~ $ gpg --gen-key
```

Post the public, ascii side of your key to the web

```
~ $ gpg --armor --output pubkey.txt --export 'Your Name'
```

```
~ $ gpg --send-keys 'Your Name' --keyserver  
hkp://subkeys.pgp.net
```

Encrypting / Decrypting

Here we encrypt/decrypt a file that is just for our own use.

```
~ $ gpg --encrypt --recipient 'Your Name' foo.txt
```

```
~ $ gpg --output foo.txt --decrypt foo.txt.gpg
```

Encrypting for Recipient

```
gpg --search-keys 'myfriend@his.isp.com' --keyserver  
hkp://subkeys.pgp.net
```

```
gpg --import key.asc
```

```
gpg --list-keys
```

```
gpg --encrypt --recipient 'myfriend@his.isp.net' foo.txt
```

Decrypting

```
gpg --output foo.txt --decrypt foo.txt.gpg
```

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```
gpg --verify crucial.tar.gz.asc crucial.tar.gz
```

```
gpg --armor --detach-sign your-file.zip
```