



## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'sefcontext\_compile.8' command***

### ***\$ man sefcontext\_compile.8***

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#### **NAME**

sefcontext\_compile - compile file context regular expression files

#### **SYNOPSIS**

sefcontext\_compile [-o outputfile] [-p policyfile] inputfile

#### **DESCRIPTION**

sefcontext\_compile is used to compile file context regular expressions into pcre(3) format.

The compiled file is used by libselinux file labeling functions.

By default sefcontext\_compile writes the compiled pcre file with the .bin suffix appended (e.g. inputfile.bin).

#### **OPTIONS**

- o Specify an outputfile that must be a fully qualified file name as the .bin suffix is not automatically added.
  - p Specify a binary policyfile that will be used to validate the context entries in the inputfile
- If an invalid context is found the pcre formatted file will not be written and an error will be returned.

#### **RETURN VALUE**

On error -1 is returned. On success 0 is returned.

#### **EXAMPLES**

Example 1:

sefcontext\_compile /etc/selinux/targeted/contexts/files/file\_contexts

Results in the following file being generated:

```
/etc/selinux/targeted/contexts/files/file_contexts.bin
```

Example 2:

```
sefcontext_compile -o new_fc.bin /etc/selinux/targeted/con?  
texts/files/file_contexts
```

Results in the following file being generated in the cwd:

```
new_fc.bin
```

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#### SEE ALSO

selinux(8), semanage(8),

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