

**NAME**

**sysdecode\_cap\_rights** - output list of capability rights

**LIBRARY**

System Argument Decoding Library (libsysdecode, -lsysdecode)

**SYNOPSIS**

```
#include <sysdecode.h>
```

*void*

```
sysdecode_cap_rights(FILE *fp, cap_rights_t *rightsp);
```

**DESCRIPTION**

The **sysdecode\_cap\_rights()** function outputs a comma-separated list of capability rights at *rightsp* to the stream *fp*.

Note that some capability rights are supersets of others; for example, CAP\_PREAD is the union of CAP\_READ and CAP\_SEEK. **sysdecode\_cap\_rights()** emits a minimal list of rights whose union is equal to *\*rightsp*. For example, if both CAP\_READ and CAP\_SEEK are set in *\*rightsp*, then **sysdecode\_cap\_rights()** will include only CAP\_PREAD in the output list.

**SEE ALSO**

sysdecode(3)