

NAME

rtas – Allows userspace to call RTAS (Run Time Abstraction Services)

SYNOPSIS

```
int ppc_rtas (struct rtas_args *uargs);
```

DESCRIPTION

ppc_rtas enables userspace manipulation of the RunTime Abstraction Services (RTAS). RTAS provides for a portable method of access and setting system information. For example, you could gather information on various system sensors and set poweron values. RTAS is accessed via the `/proc` entry called "rtas". Manipulations on RTAS are implemented via command line arguments on `/proc/rtas`. The values for *uargs* vary greatly. For more information, see the *view/arch/ppcKconfig* file.

RETURN VALUE

rtas returns 0 on success; otherwise it returns one of the errors listed in the "Errors" section.

ERRORS

-EPERM

User does not have CAP_SYS_ADMIN capabilities.

-EFAULT

Problem copying *uargs* values to/from user space.

-EINVAL

Either number of *uargs* passed in too large or size of *uargs* array too large.

AUTHOR

Niki Rahimi.