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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'rtas.2' command

\$ man rtas.2

RTAS(2) System Calls Manual RTAS(2)

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.

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