

NAME

xdr_accepted_reply, **xdr_authsys_parms**, **xdr_callhdr**, **xdr_callmsg**, **xdr_opaque_auth**, **xdr_rejected_reply**, **xdr_replymsg** — XDR library routines for remote procedure calls

SYNOPSIS

```
#include <rpc/rpc.h>

bool_t
xdr_accepted_reply(XDR *xdrs, struct accepted_reply *ar);

bool_t
xdr_authsys_parms(XDR *xdrs, struct authsys_parms *aupp);

bool_t
xdr_callhdr(XDR *xdrs, struct rpc_msg *chdr);

bool_t
xdr_callmsg(XDR *xdrs, struct rpc_msg *cmsg);

bool_t
xdr_opaque_auth(XDR *xdrs, struct opaque_auth *ap);

bool_t
xdr_rejected_reply(XDR *xdrs, struct rejected_reply *rr);

bool_t
xdr_replymsg(XDR *xdrs, struct rpc_msg *rmsg);
```

DESCRIPTION

These routines are used for describing the RPC messages in XDR language. They should normally be used by those who do not want to use the RPC package directly. These routines return **TRUE** if they succeed, **FALSE** otherwise.

Routines

See **rpc(3)** for the definition of the *XDR* data structure.

xdr_accepted_reply()

Used to translate between RPC reply messages and their external representation. It includes the status of the RPC call in the XDR language format. In the case of success, it also includes the call results.

xdr_authsys_parms()

Used for describing UNIX operating system credentials. It includes machine-name, uid, gid list, etc.

xdr_callhdr()

Used for describing RPC call header messages. It encodes the static part of the call message header in the XDR language format. It includes information such as transaction ID, RPC version number, program and version number.

xdr_callmsg()

Used for describing RPC call messages. This includes all the RPC call information such as transaction ID, RPC version number, program number, version number, authentication information, etc. This is normally used by servers to determine information about the client RPC call.

xdr_opaque_auth()

Used for describing RPC opaque authentication information messages.

xdr_rejected_reply()

Used for describing RPC reply messages. It encodes the rejected RPC message in the XDR language format. The message could be rejected either because of version number mis-match or because of authentication errors.

xdr_replymsg()

Used for describing RPC reply messages. It translates between the RPC reply message and its external representation. This reply could be either an acceptance, rejection or NULL.

AVAILABILITY

These functions are part of libtirpc.

SEE ALSO

rpc(3), xdr(3)