













Netprog: XDR



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XDR Filters

- The filter to encode/decode an integer is called xdr_int:
 - bool_t xdr_int(XDR *xdrs, int *ip);
 - the return value indicates success.
 - xdrs is a pointer to an XDR stream
 - ip is a pointer to an integer.

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xdr_int() If the XDR stream operation is xDR_ENCODE: int count; XDR *xstream; xdr_int(xstream, &count); will convert (encode) the value of count to the integer representation used by XDR (big-endian) and put the result on the

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XDR stream.

xdr_int()again
If the XDR stream operation is xDr_DECODE:
 int count;
 XDR *xstream;
 xdr_int(xstream, &count);

will get an XDR integer from the stream, convert (decode) the value to local integer representation and put the result in count.

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Complex Data Filters

- The XDR library includes a set of filters designed to translate complex C data structures to and from XDR representation.
- Many of these filters make use of the simpler filters to convert individual components.

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