Chapter 7
End-to-End Data 451
FIGURE 7.1 Presentation formatting involves encoding and decoding application data.
FIGURE 7.2 Big-endian and little-endian byte order for the integer 34,677,374.
FIGURE 7.3 Argument marshalling: converting, packing, and linearizing.
FIGURE 7.4 A 32-bit integer encoded in a tagged message.
FIGURE 7.5 Stub compiler takes interface description as input and outputs client and server stubs.
FIGURE 7.6 Example encoding of a structure in XDR.
FIGURE 7.7 Compound types created by means of nesting in ASN.1 BER.
FIGURE 7.8 ASN.1 BER representation for a 4-byte integer.
FIGURE 7.9 ASN.1 BER representation for length: (a) 1 byte; (b) multibyte.
FIGURE 7.10 NDR’s architecture tag.

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<td>FloatRep</td>
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FIGURE 7.11 Subsampling the U and V components of an image.
FIGURE 7.12 Block diagram of JPEG compression.
FIGURE 7.13 Zigzag traversal of quantized frequency coefficients.
FIGURE 7.14 Sequence of I, P, and B frames generated by MPEG.
FIGURE 7.15 Each frame as a collection of macroblocks.
FIGURE 7.16 Format of an MPEG-compressed video stream.