Prompt Template

Instruction:

Present relationships among the following data structures and encoding types: [DistinguishedName, RDNSequence, UTF8String...]. Use "-->" to denote a relationship between them.

Requirements:

1. If a structure contains others, describe each layer in sequence.
2. Point each ASN.1 structure directly to its encoding types.
3. Point each encoding type to the character sets.

Example:

If a structure GeneralName contains DNSName, and DNSName should be serialized as IA5String, your output would be:
GeneralName-->DNSName-->IA5String (ASCII characters, excluding '@')

Desired Output Format:

Short-1: DistinguishedName-->RDNSequence-->DirectoryString
Short-2: GeneralName-->IPAddress (binary/octet string)