

Storyboard: MT923 CD-I 9/1/94

Audio

Script

The top-most layer in the OSI Reference Model providing such communication services as electronic mail and file transfer.

Script

A host computer that provides computing services for remote access by additional users or nodes.

Script

Address Resolution Protocol: The internet protocol used to dynamically map Internet addresses on the local area networks that support hardware broadcast.

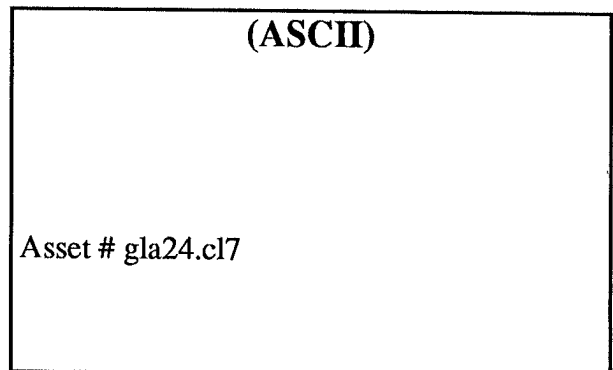
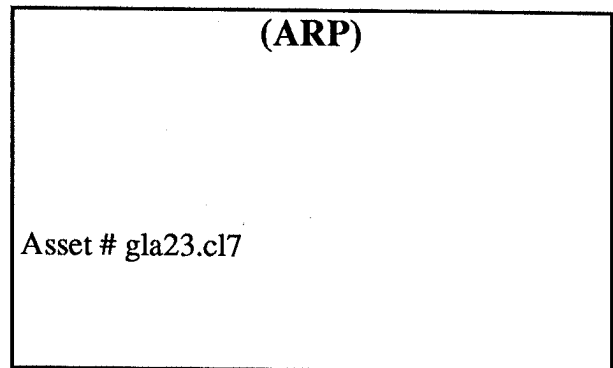
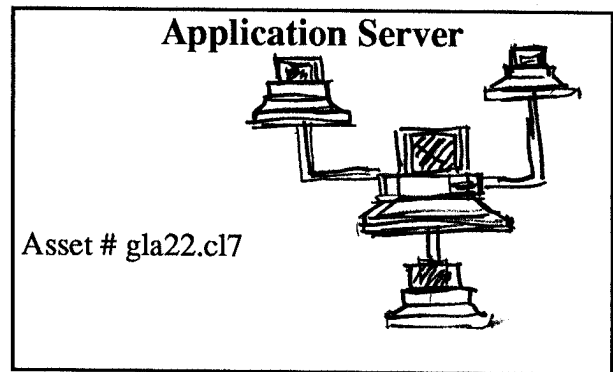
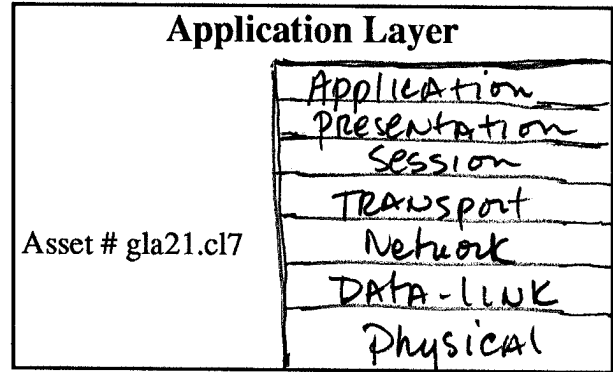
no art

Script

American Standard Code for Information Interchange: Alphanumeric characters are assigned certain numeric values. For example: "A" is ASCII 65. ASCII serves as the "lowest common denominator" exchange for text files.

no art

Video



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Audio

Script

A suite of utilities found in MT923 designed to assist in the tracking and day to day management of network and communications assets.

no art

Script

This mode within MT923 gives you the tools to manage information gathered while designing your network including database queries, move management, data views, and troubleshooting.

Script

A serial communication link between devices that does not require clock synchronization on each end. Typically used in small computers for low speed communications.

Script

Asynchronous Transfer Mode protocol: The SONET standard for a packet switching technique which uses packets (cells) of a fixed length. Also referred to as BISDN and Cell Relay.

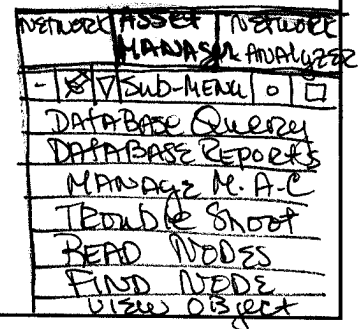
Video

Asset Management

Asset # gla25.cl7

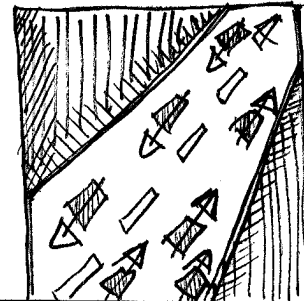
Asset Manager Mode

Asset # gla26.cl7



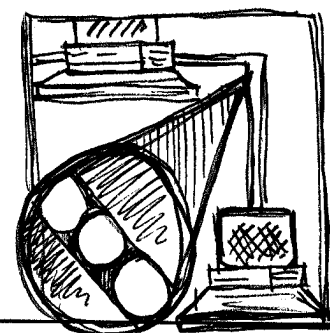
Asynchronous Communication

Asset # gla27.cl7



ATM

Asset # gla28.cl7



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Script

In MT 923 this function lets you specify an object type to attach to the database.

Script

The form of information provided by the X.500 Directory Service. The directory consists of entries, each containing one or more attributes. Each directory Read operation can retrieve some or all attributes from a designated entry.

Script

A means by which a user's activities and events can be logged and traced for future reference. Very important for detailed security and end user accounting management.

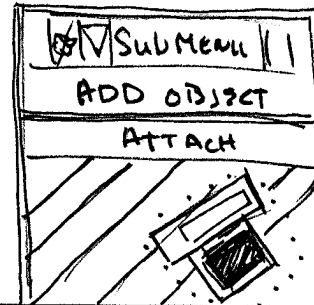
Script

Attachment Unit Interface: A 15 pin mechanism for attachment to thick or thin ethernet.

Video

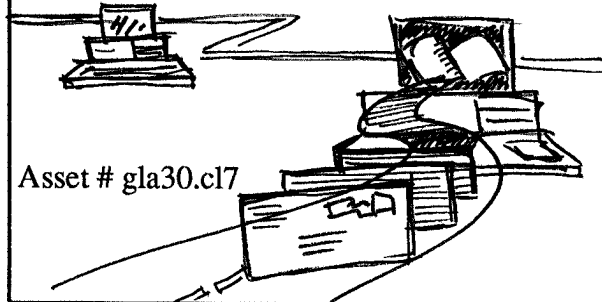
Attach_Object Function

Asset # gla29.c17



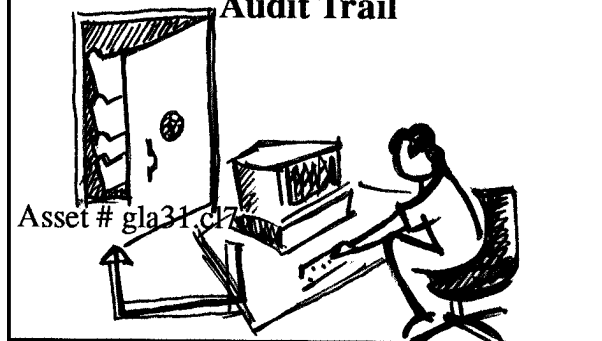
Attribute Data

Asset # gla30.c17



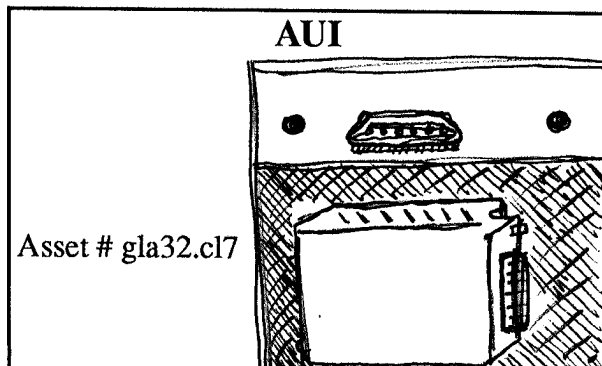
Audit Trail

Asset # gla31.c17



AUI

Asset # gla32.c17



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Audio

Script

The automated process by which nodes are found and catalogued in a network management platform. Active polling of the network generates a list of devices on the network. This list is restricted in that only active nodes are found.

no art

Script

The ability to launch MT923 from an external application and automatically load a file.

Script

user selects an entry

Asset #'s

- /opt/SCROLLS/B.cl7
- /opt/SCROLLS/B.cl7.0
- /opt/SCROLLS/B.cl7.1
- /opt/SCROLLS/Bh.cl7

Script

The primary connectivity mechanism between network devices and sub-networks. Typically these are high-speed, high bandwidth and very stable.

Video

Auto Discovery

Asset # gla33.cl7

Auto Load


Asset # gla34.cl7

BScroll

Backbone	Bit-mapped
Bandwidth	(BITNET)
Banyan	(BPS)
Baseband	Bridge
Baseband LAN	Broadband
BASIC DRAW CMDS.	Broadband LAN
Batch_Attach Function	Broadcast
Baud Rate	Brouter
Bill of Maaterials	(BSC)
Binary	Bus Topology
(BISDN)	Byte

Backbone

Asset # glb01.cl7



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Audio

Script

A measure of the frequency ranges present in an analog signal, which in turn is a measure of the signal's "information content".

This term is often used in the context of information transfer rate: a "high bandwidth system" is one with a high transfer rate.

Script

A type of local area network primarily designed for PC and small computer traffic. Very UNIX-like, the Banyan network operating system is called Vines.

Script

Characteristics of any network technology that uses a single carrier frequency and requires all stations attached to the network to participate in every transmission.

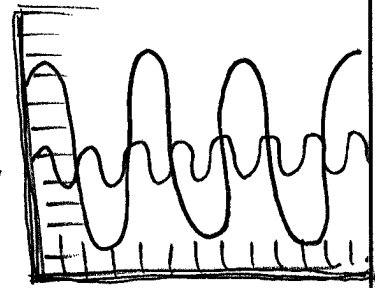
Script

The entire bandwidth of the coaxial cable is used to transmit a single digital signal. Examples include thick and thin ethernet.

Video

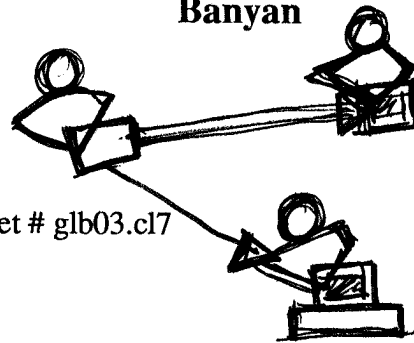
Bandwidth

Asset # glb02.cl7



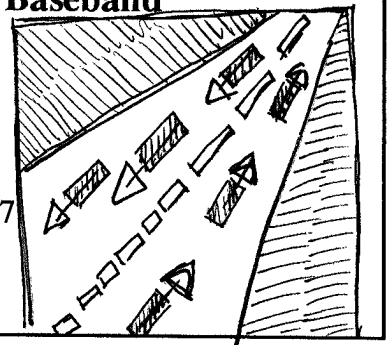
Banyan

Asset # glb03.cl7



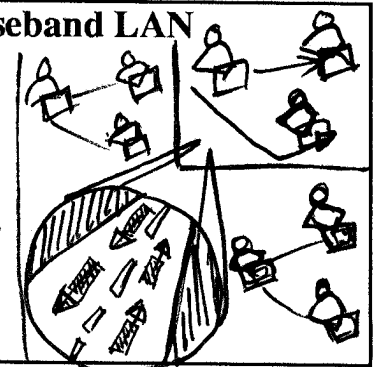
Baseband

Asset # glb04.cl7



Baseband LAN

Asset # glb05.cl7



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Audio

Script

user selects BASIC DRAWING COMMANDS

Script

The ability to load a graphic file that already has symbols in it, to group those objects together and then batch attach them to the database.

Script

A measure of speed for devices that utilize serial communications, i.e. modems. Common baud rates, measured in bits per second, include 300, 1200, 4800 and 9600.

Script

A list of specific types and amounts of direct materials expected to be used to produce a given job or quantity of output.

no art

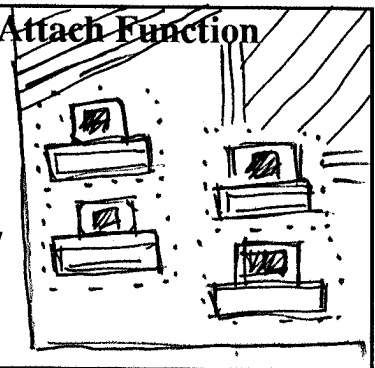
Video

**Branch
to
demonstration
section**

Asset # /opt/SCRIPTS/demobr3c.HS55

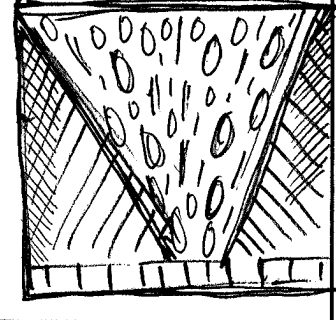
Batch_Attach Function

Asset # glb06.cl7



Baud Rate

Asset # glb07.cl7



Bill of Materials

Asset # glb08.cl7

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Script

Only two values or states are possible for a particular condition, such as "ON" or "OFF". Binary is the way digital computers function because they can only represent things as "ON" or "OFF".

Script

Broadband ISDN.

See: ISDN

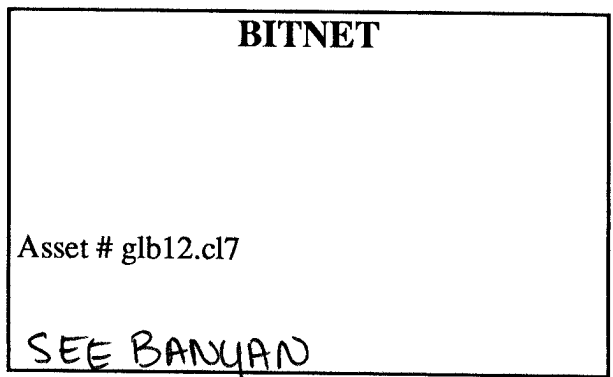
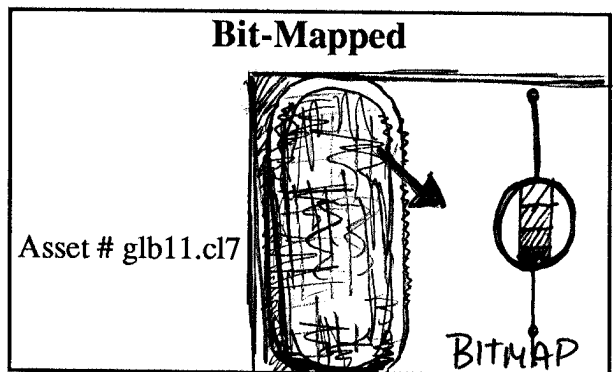
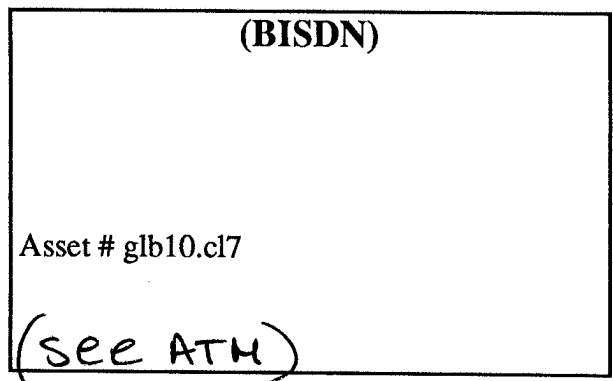
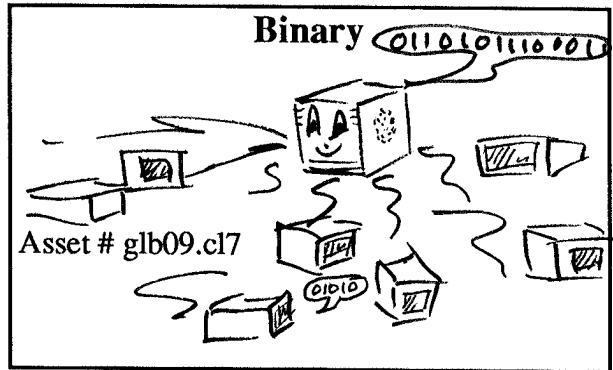
Script

In a bit-mapped display, each pixel onscreen is represented by or "mapped" to one or more bits in memory. These bits provide information about the pixel's color and transparency. Several different bit-mapping architectures are possible.

Script

Because It's Time NETWORK: An academic computer network based originally on IBM mainframe systems interconnected via leased 9600 bps lines. BITNET has recently merged with CSNET to form CREN: (Corporation for Research and Educational Networking).

Video



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Audio

Script

Bits Per Second. Used as a unit of measure for the speed of data communications.

Script

A device that connects different networks and forwards packets between them. Bridges can usually be made to filter packet traffic. Protocol independent, bridges "filter" traffic at the MAC layer. They manage packets by examining the "to and from" address.

Script

This technology allows several networks to co-exist on a single cable; network 'conversations' travel on different frequencies, rather like the commercial radio system. Cable TV running on a coaxial cable is a good example.

Script

A local area network based on broadband.

See: Broadband

Video

(BPS)

Asset # glb13.cl7

SEE BAUD RATE

Bridge

Asset # glb14.cl7

Broadband

Asset # glb15.cl7

Broadband LAN

Asset # glb16.cl7

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Audio

Script

A packet delivery system where a copy of a given packet is sent to all hosts attached to the network. Ethernet is one example of this.

Script

Concatenation of bridge and router. Used to refer to devices which perform both bridging and routing functions.

Script

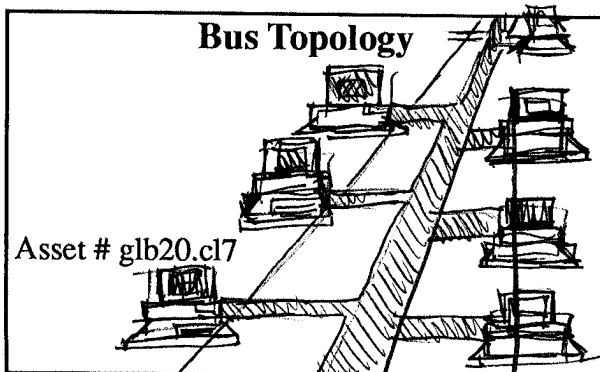
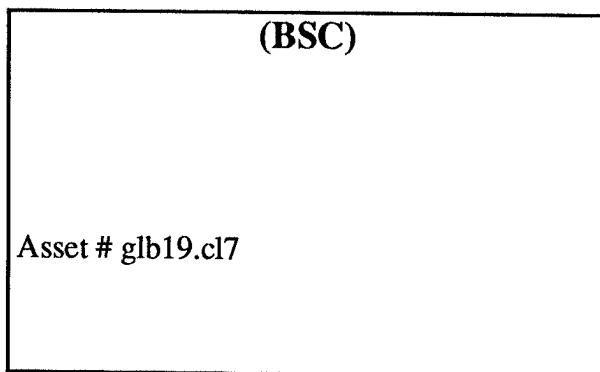
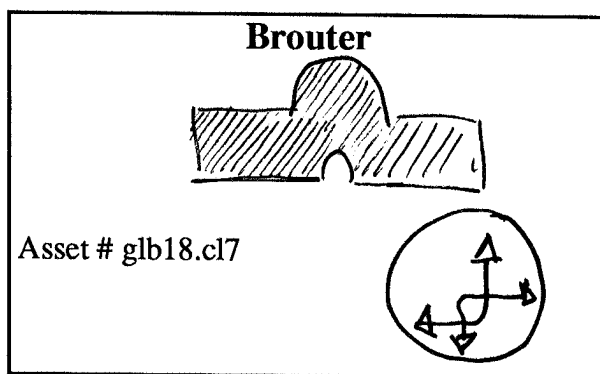
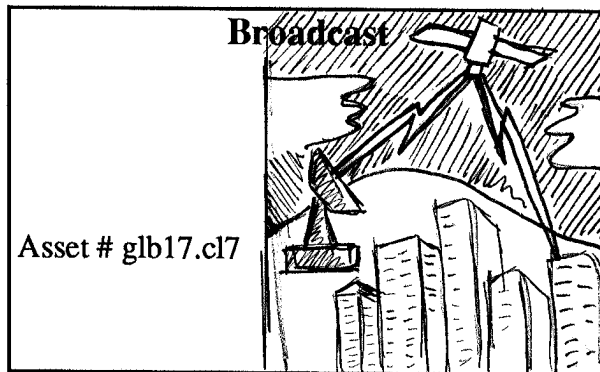
Binary synchronous transmission protocol which uses a standard set of transmission control characters to support batch/interactive sessions.

This older protocol has a large installed base still used by many IBM customers that have not migrated to SNA.
no art

Script

A network topology in which nodes are connected to a single cable with terminators at each end.

Video



Storyboard: MT923 CD-I 9/1/94

Audio

Script

A byte contains 8 bits, the basic unit of measurement for computer storage. Roughly 1500 bytes are required to store a single page of text.

Script

user selects an entry

Asset #'s

- /opt/SCROLLS/C.cl7
- /opt/SCROLLS/C.cl7.0
- /opt/SCROLLS/C.cl7.1
- /opt/SCROLLS/Ch.cl7

Script

Script

A popular programming language. MT 923 is written entirely in "C". In addition, Mountain-Top is written entirely in "C".

Video

Byte

Asset # glb21.cl7



C1 Scroll

"C" Programming	Lan-	Cancel_Add Function
guage		Cancel_Change Function
Cable Cross Section		Cancel_Move Function
Cable_Summary Function	(CASE)	
Cabletron-Spectrum	(CCITT)	
Cable_View Function	Cell Relay	
(CAD)	Central Office	
Calculator	Central Office Frame	
Campus-Wide	Change Management	



C1 Scroll (cont'd)

Change Request	Claris Graphics Translator
Change Sheet	
Check In/Check Out	
Churn Rate	
Circuit	
Circuit Card	
Circuit_Views Function	
(CISC)	
Cisco	



"C" Programming Language

Asset # glc01.cl7

