

→ data structure * Frame based Expert system

* Frame ^{↓ slots} : collection of slots.

Computer:

Model	Processor	memory	price	→
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slots: use to store value

-: default value

- pointer to another frame

- rules: to obtain slot values.

↓ Informations in slot:

• Frame Name: relationship of frame to other frame
IBM aptiva 835 → Computer → Hardware

• slot Value: can be symbolie, → Name
numeric, → Age
boolean

↓ assigned when frame is created

• Default slot value: true: when no contrary evidence found
cars → four wheels
chair → four legs

• Range slot value: range of the value:
comp: \$750 - \$1500

• Procedural information: procedure attached to it
to find value of the slot

Script:

PPRETS
3 4 2 1 5 6

- use to represent events.

- components of script.

1. Entry condition - must be satisfied before events in script occur

2. Results : Condition that will be true after events in script occur

3. Props : object involved in events.

4. Roles : persons involved in events

5. Track :- variations on the script
- track share components of script

6. Scenes - sequence of event that occur.
- Events are represented in conceptual dependency form

// components for script: ss

Ex: Restaurant script:

Script: Restaurant

Track: coffee shop

Props: Tables
Menu

Food
check | Money

Roles:

s = customer

w = waiter

c = cook

M = Cashier

O = owner

Entry conditions:

S is hungry
S has money

Results:

S has less money
S has more money
S is not hungry
S is pleased (optional)

Scenes: 1. Entering SS

