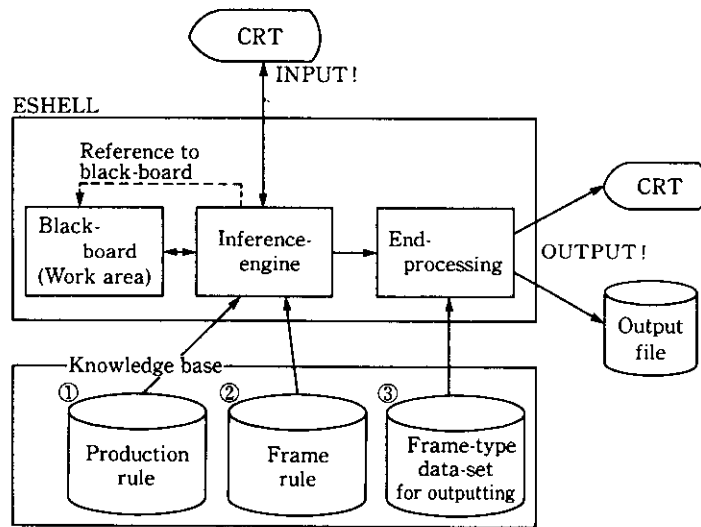


# MARC Assistance System Using Knowledge Engineering, "MARC-EXPERT"\*

Hiromi Shikata\*\* Hirohito Kobayashi\*\*\* Masao Kajiwara\*\*\*





① Data Set for Knowledge Source :  
 Source for production rule. (Information necessary for outputs is issued by rules in this data set)

② Data Set for Knowledge Source :  
 Source for frame rule. (Information necessary for outputs is issued by rules in this data set)

Relevance of each knowledge in data set of ① has been expressed in frame structure.

③ Data Set for Knowledge Source :  
 Source for frame-type data-set for outputting. (Information necessary for outputs is issued by rules in this data set)

Storing locations for various normal data necessary for output.

Fig. 4 System composition

#### 4 System Composition

MARC-EXPERT is broadly divided, as shown in Fig.

Using the selected input cards as key-words, information on input-data preparation instructions is retrieved from output frame ③ and output.