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Serves a well-defined purpose and therefore has access to adjacent passive system components and only those may be connected to it. A human agent is an active system component exactly like an agent but the only difference that it depicts a human.

(Note 1: nouns should be used for identifier "A"

Note 2: do not need to be depicted as rectangle or square but has to be angular)

A storage is used by agents to store data.

(Note: do not need to be depicted as ellipse or circle but has to be rounded) A channel is used for communication purposes between at least two

(Note: channels are usually depicted as smaller circles but may also vary like the graphical representation of storage places)

Directed and undirected edges represent the kind of access an active system component has to a passive system component. The types of access are read access, write access and a combination of

(Note: usually undirected edges depicting read/write access are used on channels whereas two directed edges also depicting read/write access are used

Agent A has read access to storage S.

Agent A has write access to storage S. In case of writing all information stored in S is overwritten.

Agent A has modifying access to storage S. That means that some particular information of S can be changed.

Information can only be passed from agent A1 to agent A2.

Information can be exchanged in both directions (from agent A1 to

Agent A1 can request information from agent A2 which in turn responds (e.g. function calls or http request/responses). Because it is very common, the lower figure shows an abbreviation of

Agent A1 and agent A2 can communicate via the shared storage S much like bidirectional communication channels.

Structure variance deals with the creation and disappearance of system components. An agent (A1) changes the system structure (creation/deletion of A2) at a location depicted as dotted storage. System structure change is depicted as modifying access. After creation agent A1 can communicate with agent A2 or vice versa.