

Script Theory

General

Script theory, developed in late 1970s by [Roger Schank](#), is a [cognitivist theory](#) orientated on explaining of structure of knowledge, especially on **representation of complex event sequences**. Script theory is an extension of [schema theory](#).

What is script theory?

The concept of a script was introduced by Schank and Abelson¹⁾ and later further developed by Schank²⁾³⁾. There are several **definitions** of scripts such as:

- *"a set of expectations about what will happen next in a well-understood situation"*⁴⁾,
- *"a **coherent sequence of events expected by an individual** in a particular context, involving him either as participant or as an observer"*⁵⁾, or
- *"a **mental picture plus caption** representing the action sequences, participants, and physical objects found in a situation"*⁶⁾.

Scripts consist of a **sequence of actions or events necessary to achieve a goal**. They also if necessary include relevant people, locations or objects.

Schank⁷⁾ often uses an example of a restaurant script. When in a restaurant, one behaves according to *restaurant script*: he finds a free place, sits, waits for the waiter to take his order and finally eats his meal. He does not have to convince the waiter and the cook to feed him every time he comes to the restaurant since they are all behaving in accordance with the restaurant schema and assigned roles. The same can be said if one reads about a situation in a restaurant. Knowing the particular script which is to be used in a situation results in less required thinking and mental activity.

Aside from their original application in language processing explanation, Schank also explains his dynamic memory model using scripts. **Memory is organized in terms of scripts, plans and goals**.

Criticisms

Keywords and most important names

Bibliography

["TIP: Theories."](#)

[Erasmus, A. C, E. Bishoff, and G. G. Rousseau. The potential of using script theory in consumer](#)

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Read more

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