Abstract: This work describes the approach of classification, specification, description, and automatic generation of dialogues in WWW-based systems. Using Design/CPN and Coloured Petri Nets, common applications and their dialogues are formally analysed and several basic dialogue elements and their structures are deduced. The basic idea is the separation of the structure of a dialogue from its style. This separation enables the description of dialogue systems without spending too much effort on the presentation. It is possible to change the presentation of a dialogue by using different style files. Furthermore the system can change the style of a dialogue, depending on the user who is working with it. Our set of dialogue elements, called S-Dialogues, is forming this fundament of general dialogue systems. The system itself can be described by using an extension to Latex, called Latex-ES, where additional tags and style files are provided to the application designer.