

Prof. Dr.-Ing. Dr. h. c. Jürgen Becker (becker@kit.edu)

Dr.-Ing. Jens Becker (jens.becker@kit.edu)

Institut für Technik der Informationsverarbeitung (ITIV)

Communication Systems and Protocols

Information

Representation of Information

■ Examples:



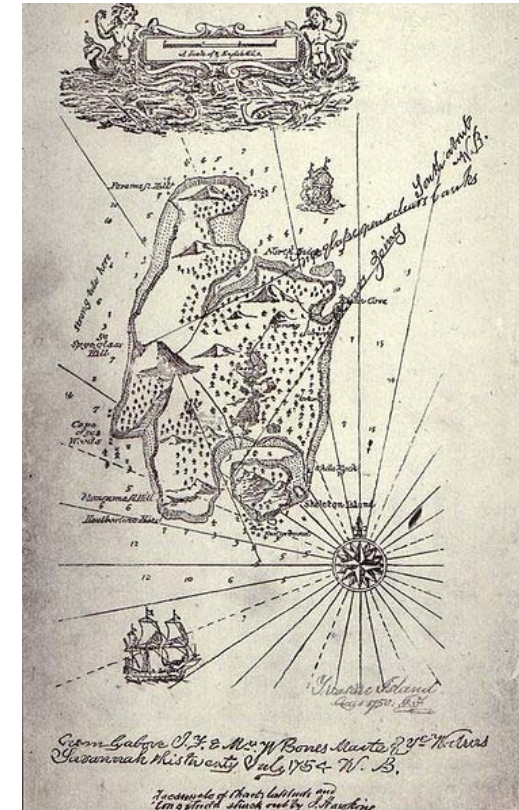
(www.lavoilotte.de)



(Wikimedia Commons)



(www.abenteuer-informatik.de)



(Wikimedia Commons)

Definitions for Information:

The communication or reception of knowledge or intelligence

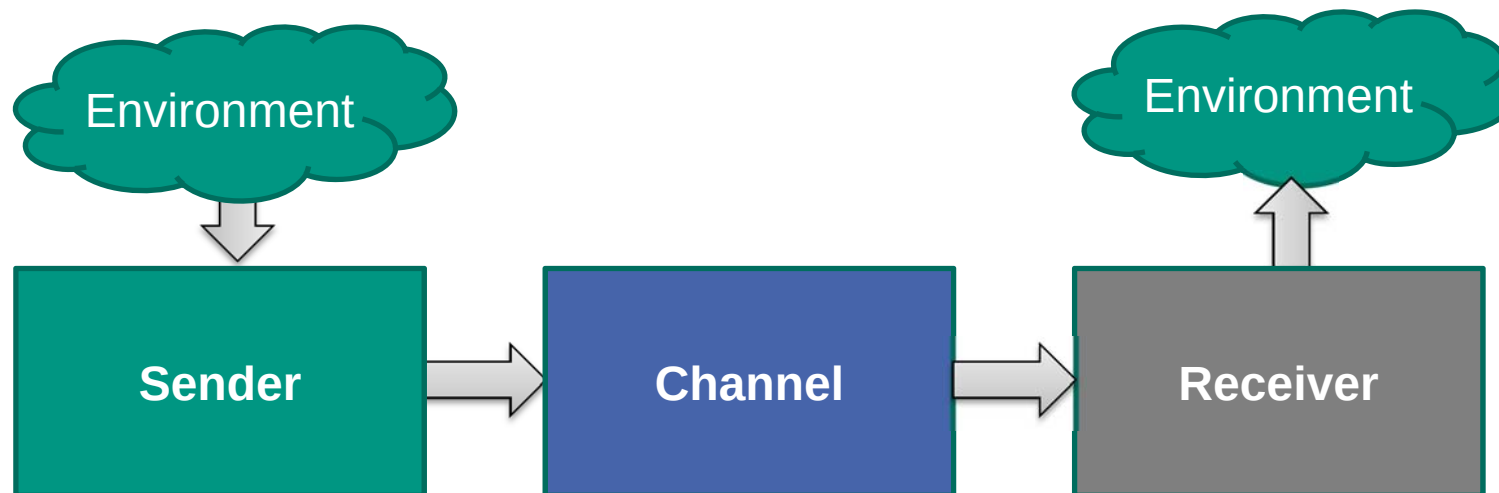
Knowledge obtained from investigation, study, or instruction (2) : intelligence, news (3) : facts, data

A signal or character (as in a communication system or computer) representing data (2) : something (as a message, experimental data, or a picture) which justifies change in a construct (as a plan or theory) that represents physical or mental experience or another construct

Data that is (1) accurate and timely, (2) specific and organized for a purpose, (3) presented within a context that gives it meaning and relevance, and (4) can lead to an increase in understanding and decrease in uncertainty.

Sources: Merriam-Webster dictionary
<http://www.businessdictionary.com/>

Technical Communication System



Technical Communication System (detailed)

