

SEFS Human Factors

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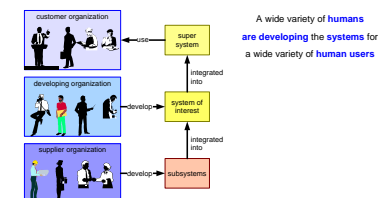
Abstract

Humans interact with systems. Humans have behavior and properties that we do not control, nor can we predict them. The emotional and physical state of humans impacts their behavior and capabilities. Humans show group behavior, emerging from the interaction of the individuals in the group. Organizations show more complex behavior resulting from individuals, groups, and organizational processes. Legislation and standards are means to cope with human aspects when developing systems.

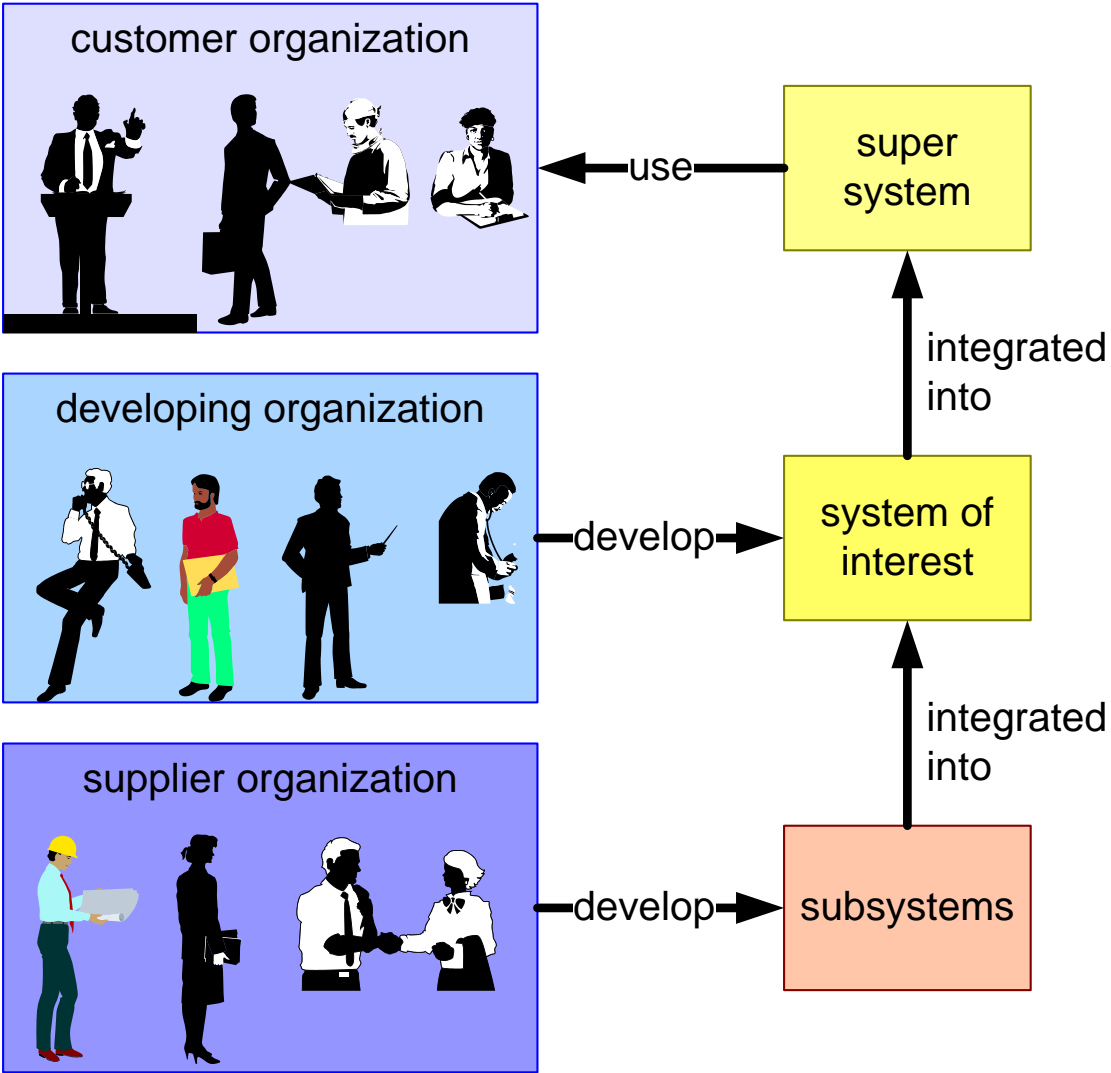
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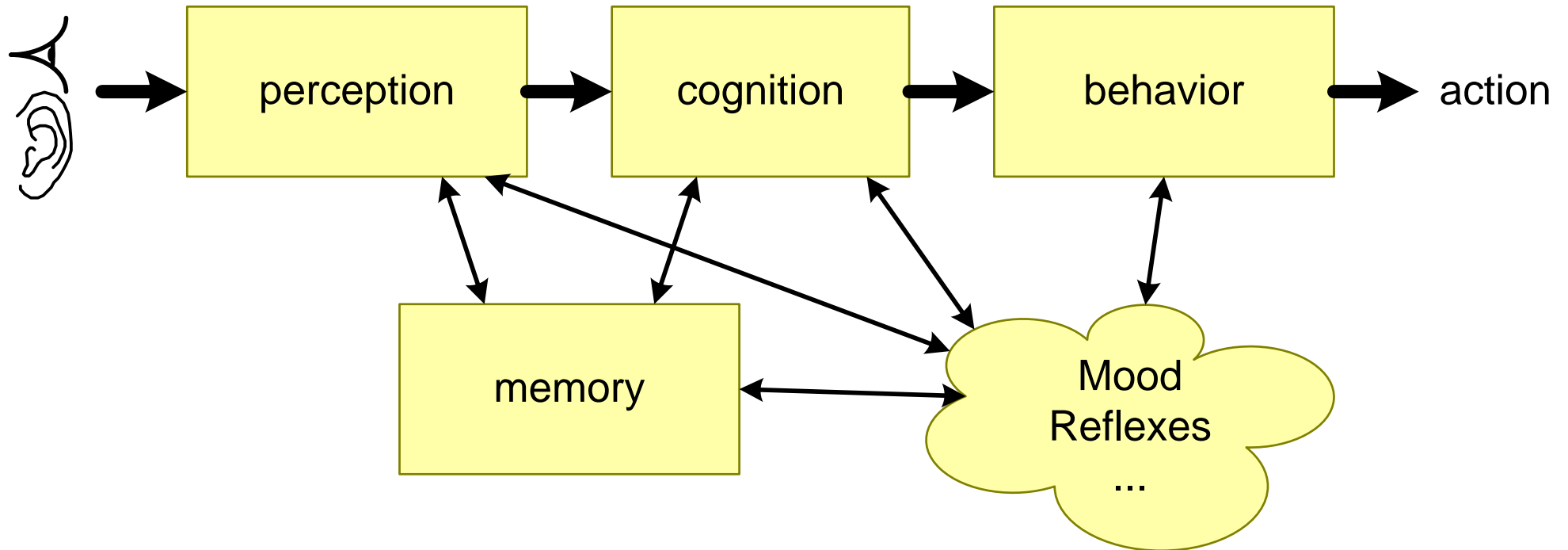


For and By Humans



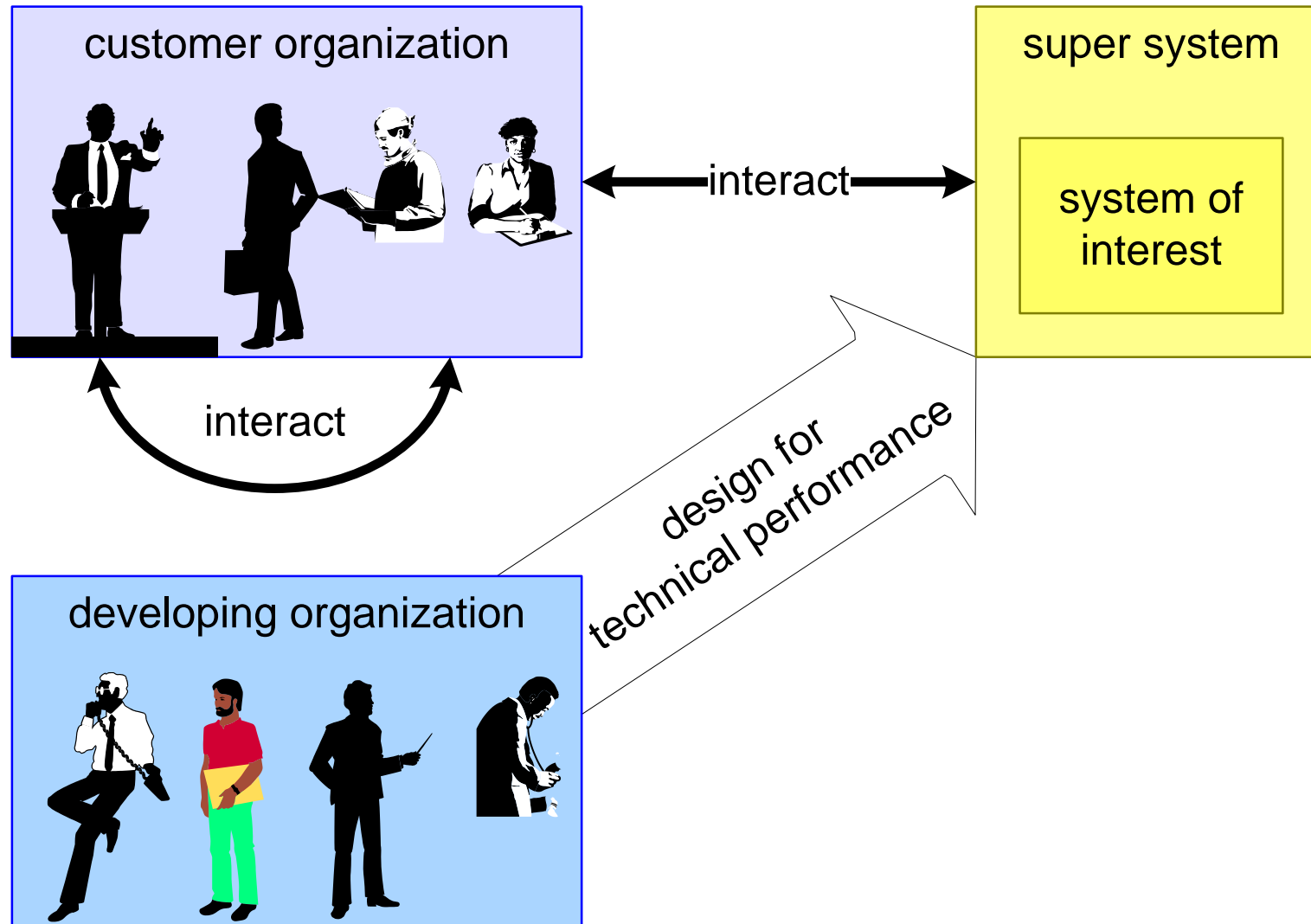
A wide variety of **humans** are developing the **systems** for a wide variety of **human users**

Humans: Ratio + Emotion



Risk of Engineer-Only Design

unexpected behavior causing **safety** and **usability** problems



Many Human Factors Experts

