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Beyond User-Centered Design Larry Constantine, IDSA

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Где Я?

The Business Process Perspective

Set of interconnected "activities" transforming information or artifacts into more valuable forms.

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- Performed by human actors and/or systems.
- Decomposable into elementary business processes: ■ one person at one time adding significant value and resulting in a consistent state.
- Series of steps to produce a product or service
 - ordered in time and space
- now

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Kaptalinin, Nardi, & Macaulay, 1999

* after Engeström, 1999

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Eerlise	Larry Constantine, IDSA page 3
DESIGN	
Modeling Interactive Activity	Activity-Based Design Overview
In practice, must model, connect, and distinguish activities that include user- non-user and user-system interaction: Interacting and non-interacting participants relationships among participants, artifacts, and systems relationships among activities and interactive tasks and among external activities and actions <u>EXTERNAL ACTIVITY</u> INTERACTIVE ACTIVITY (with system of reference) participant) artifact tool activity * purpose actor roles system actor activity * purpose action * goal operation conditions operation process * new notation	 Focal and related activities are described and mapped. Participation is modeled by actors in activities playing roles with other players and artifacts (tools) plus system actors. Performance is modeled as actions and tasks (essential use cases) composed of operations in process (intentions, responsibilities). Interface organization and functional contents is modeled by navigation map and canonical abstract prototypes. Visual/interaction design derives from abstract prototypes. Models drive entire process. Design elements trace directly to content supporting tasks to perform roles within activities.
Activity Map, Activity Profile Improve the second sec	Participation Map UNVERSIDATE da MADERA paper manuals WWWeb supported s/w intranet help seekers email support technician tech support system escalation team live IM chat cluster technicians operational supervisor specialists other technicians operational supervisor specialists actor system actor player artifact (tool, material, resource)

