

Principles			Actionable Behavior	Example
Reification	<i>of a</i>	command	transforms a command into a persistent, interactive instrument	Instrument
	<i>of an</i>	effect	transforms effects into a persistent, interactive substrate that contains objects, interprets objects and manages relationships among objects.	Substrate
Polymorphism	<i>of a</i>	command	enables an instrument to affect different types of objects	Multi-object
	<i>of an</i>	effect	enables a substrate to manage different types of relationships	Multi-relationship
Reuse	<i>of a</i>	command	applies previous actions to different objects	Macro
	<i>of an</i>	effect	applies previous effects to different objects	Template
Discovery	<i>of a</i>	command	lets users see possible future actions	Feedforward
	<i>of an</i>	effect	lets users see how the system interpreted their behavior	Feedback
Expressivity	<i>of a</i>	command	lets users transform input deviation from the norm into rich output	Input variation
	<i>of an</i>	effect	lets users fine-tune effects into reusable objects	Tweak
Customizability	<i>of a</i>	command	lets users create instruments or transform properties into families of tools	Currying
	<i>of an</i>	effect	lets users redefine the mapping between actions and effects	Remapping
Appropriability	<i>of a</i>	command	lets users reuse properties for different purposes	Technical reasoning
	<i>of an</i>	effect	lets users reinterpret relationships among objects and substrates	Redefinition