## Pursuing Value-Infused Design thru Thriving Systems Theory

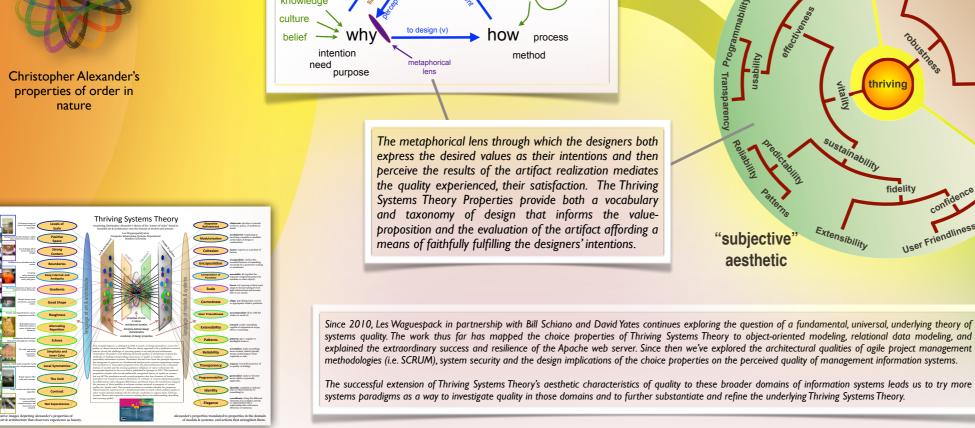
Projecting the choice properties of Thriving Systems Theory onto the entire design cycle of models and systems

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# *intention*

### from the beauty in nature



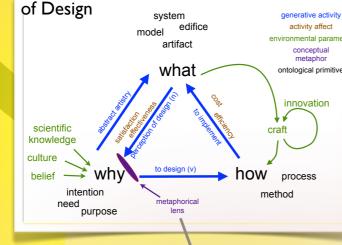


The value we experience in systems is the reflection of our intentions that we perceive in the artifact. That value is achieved in the alignment of our intentions with the properties of the artifact. We perceive value in an object's design (noun). We achieve value by faithfully infusing our intentions in the object's design (verb.)

A system thrives when it promotes the unfolding of the choices that support and align with the stakeholders' current intentions; and it promotes the unfolding of those intentions through the conceptual clarity and efficiency with which it represents them.

The fifteen choice properties of system quality can be perceived in information system artifacts, but can also be instilled and strengthened through the enlightened application of the ontology and/or vocabulary that defines the nature of the system domain. The confluence of the properties inform the experience of value, quality, in the artifact.

### A Special Ontology



## to the quality in systems



Thriving Systems Theory and Metaphor-Driven

D Spring

#### Thriving Systems Theory Scholarship

Waguespack, Leslie J., Yates, David J., Schiano, William T. (2014) "Towards a Design Theory for Trustworthy Information Systems," Hawaii International Conference on Systems Sciences, Hawaii, HI, January (2014) (to appear!)

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Babb, J.S. and Waguespack, L.J., (2013) "In Search of Design-Focus in IS Curricula," Information Systems Education Conference, San Antonio, TX, (to appear Nov 2013).

Schiano, William T., Yates, David J., Waguespack, Leslie J. (2013) "Apache Web Server: Applying Lessons from Physical Architecture to Enable Systems to Thrive," 7th International Conference on Design Principles and Practices, Chiba, Japan, 6 March 2013.

Waguespack, Leslie J. Jr, Schiano, William T. (2013) "Thriving Systems Theory: An Emergent Information Systems Design Theory" in 46th Hawaii International Conference on Systems Sciences, January 2013.

Waguespack, Leslie J. Jr, Schiano, William T. (2012) "SCRUM project architecture and thriving systems theory" in 45th Hawaii International Conference on Systems Sciences, January 2012.

Waguespack, L. J. (2010). Thriving Systems Theory and Metaphor-Driven Modeling. London: Springer-Verlag