

Community Knowledge Gardening: a framework for better social organization of the production of collective intelligence

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Type of the proposed contribution

This paper will present a conceptual framework of principles, tools, and methods for better social organization of the production of collective intelligence.

Objectives

- 1. Contribute to overcoming disciplinary divisions and enabling federated communities of research and practice to cooperate on urgent contemporary issues.*
- 2. Illuminate the need for a joint research agenda that federates the work of various "tribes" of collective Intelligence; seed conversations for developing questions to guide future research.*
- 3. Contribute to evolving a functioning knowledge federation among participants of KF 2010.*

I intend to achieve that by providing:

- A draft issues list for federating "collective intelligence" research across disciplines*
- A list of patterns that combine electronic and social technologies for boosting collective intelligence in research workshops*
- A foundation for the specifications of High-Level Design for community knowledge garden (inspired by Engelbart's Dynamic Knowledge Repository)*

- *Seed ideas for a participatory action research into biomimicry-inspired design of community knowledge gardens*

Topics that this paper may cover

- *An ecology of "collective intelligence" definitions*
- *Various uses of the "knowledge gardening" family of metaphors*
- *Federating frequently used knowledge mapping strategies*
- *From story-mapping to pattern language*
- *The use of boundary objects in federating personal and collective ontologies for semantic interoperability*
- *Junto, a video platform for federating small groups conversations*
- *Implications of Christopher Alexander's "living centers" distinction for building CKGs*

An application scenario

The [International Association for the Study of the Commons](#), the Free Knowledge Institute, many other organizations, researchers and practitioners, will participate in the International Commons Conference on CONSTRUCTING A COMMONS-BASED POLICY PLATFORM, Berlin, Nov 1-2, 2010. It will bring together about 150 leading figures in commons-based studies and activism for multidisciplinary collaboration.

The Community Knowledge Gardening framework developed in the suggested paper will be presented and tested there.

This paper will be corollary and strongly complementary to the one suggested in my other abstracts. If only one paper per researcher can be accepted, I'd re-organize them so that they will become one albeit longer paper.