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BioH

The benefits of “harnessing the collective intelligence” have been proven across the web e.g. Waze, Google Maps. Community based annotation is exemplary of the Web 2.0/3.0 phenomena; using the Web to “harness” the collective intelligence is central to the business models for the evolution of the Web 3.0. Within this realm, Google maps and Waze are among the most successful public sourcing annotation systems; users can easily create, share, edit and discover annotations (geographical annotations) that are interesting and relevant to their particular situations. Community based sharing and discovering grows rapidly and spontaneously; it responds to the need for structuring and classifying information. By doing so, it facilitates information retrieval, generation of task specific networks and serendipitous relations. BioH reuses <https://hypothes.is> and adapts it to specific annotation cases in the biomedical domain. Our improvements over hypothes.is allow to constrain annotations to specific facets, annotate with biomedical ontologies, interoperability with PubAnnotation and linked data integration. BioH delivers a reusable open infrastructure for annotating biomedical literature. In this poster we also report on three annotation cases that we have supported, namely: annotation of experimental protocols, semantic annotation of systematic reviews and wide open annotation campaigns of biomedical literature.

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