### Making tea: A human-centered approach to designing a pervasive lab book

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| The eScience community in the UK seeks to provide access to experimental data, annotations and provenance information, as this information is captured. Currently, most of that data is recorded manually into a paper-based lab book. Previous efforts, both commercial and research based to translate the lab book into digital form have struggled for widespread acceptance. We present both an overview of the elicitation/design process and the resulting model and services we developed to create a useable lab book replacement for a pervasive chemistry lab. We present the approach we developed, the prototype we designed based on our technique, and we present the results of a formative study of the artefact in real use. We show that our design elicitation method strongly contributed to the success of our prototype’s take up. The positive results take us one step closer to the eScience goal of "Publish at Source". |