

Requirement Authoring Tools: towards the concept of standard requirement

José M. Fuentes ¹, Anabel Fraga, Juan Llorens, Gonzalo Génova and Luis Alonso ²

Abstract. Several kinds of Requirements Management (RM) Tools are available in the market; it is difficult to know which one is the best for a project or a company. Guidelines regarding this task of selecting a tool and identifying the capabilities that can be desirable in the RM tools are offered among experts. After this long journey of guidelines, surveys and tools, many capabilities of the tools in the market have significantly evolved over the time, but they still lack other capabilities such as authoring assistant for system engineers when establishing standards for writing requirements. Most of the tools still show a blank textbox instead of an assistant for supporting engineers. A set of characteristics for writing good requirements using an authoring tools are shown and they are exemplified by requirements while presenting them. A comparison of tools is shown based on the desirable characteristics presented in this paper.

¹ The REUSE Company - jose.fuentes@reusecompany.com

² Carlos III University of Madrid – {afraga, llorens, ggenova, luis.alonso}@inf.uc3m.es