Portable Declarative Format
for Specifying Graphical User Interfaces

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Abstract. This paper introduces a portable declarative format for specifying graphical user interfaces. A generic GUI description is developed in XML and then converted by means of XSLT. Thus the GUI is independent of the platform and the programming language. The hope is that in the future, GUIs will be developed by designers versed in graphics but not programming. An implementation for Java and C# is developed.

Key words: XML, XSLT, GUI, methodology, editor, programming, multiplatform