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Free and open sou...

De Paoli, Teli, D'Andrea



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**Free and open source licenses in community life:
Two empirical cases**

by **Stefano De Paoli, Maurizio Teli, and Vincenzo D'Andrea**

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Abstract

How do licenses participate in the life of Free and Open Source Software (FLOSS) communities? This paper aims at answering this question.

Despite the dynamic character of FLOSS development, the sociological debate has granted a static perspective of communities, as organized around a restricted set of values and rules. Criticizing the main sociological approaches to FLOSS communities observed in our two cases that, on the contrary, the free/open character of FLOSS can be assumed as an *a priori* explanation of the coordination efforts in these communities.

Focusing on the role of software licenses, considered as boundary objects in FLOSS communities, we observe that controversies and conflicts around licenses are fundamental parts of communities' lives. Basing our research on two different cases: Geographical Information System GRASS and the OpenSolaris™ operating system, we show how the construction of the free/open character of FLOSS takes place within software licenses.

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1. Introduction

How do licenses participate in the life of Free and Open Source Software (FLOSS) communities? This paper aims to answer this question. We want readers to understand the role of licenses in the wider construction process of large FLOSS projects. We explore the power of the artefacts called software licenses in building and shaping political and technical boundaries inside FLOSS communities.