

Artificial legal intelligence for law compliant generation of digital art

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One of the most important areas of implementation of artificial intelligence is the law. This collaboration allows the development of devices capable of understanding and enforcing the law in a particular situation, which delivers legal certainty and operational efficiency. An scenario that exemplifies this is the generation of digital art through artificial intelligence. Nowadays, this scenario goes beyond the creative process including detection and recollection of relevant works for the development of new material.

This tutorial delivers this scenario through a convergent perspective where intelligent devices can complement their operations by including legal reasoning processes based not only on the law, but also in environmental cues. This, by reproducing the logic expression of the law through ontologies compatibles with computational code, as it is the case of LKIF and DOLCE.