

# Digital object identification without server

Domenico Oricchio

April 19, 2021

## Abstract

An electronic label for scientific articles.

Each Portable Document Format document have header comments introduced with the percent sign (%)<sup>1</sup>, and each pdf article has a Digital Object Identifier to identify the original article in a different World Wide Web server.

If there is an electronic label containing pdf comments with the link to the server, then the viewer application could open the comment link; for example the programming language could read the comment headers:

```
%doi-author-name: DOI® authors  
%doi-title: DOI® Handbook  
%doi: https://doi.org/10.1000/182  
%doi-url: https://www.doi.org/hb.html
```

the executable (the pdf viewer) could open the associated header Uniform Resource Locator [www.doi.org/hb.html](https://www.doi.org/hb.html), if requested by the user.

Each scientific document format could contain a label of the same type; for example in the Microsoft<sup>®</sup> Word there is the self-documentation containing Author, Subject, Keyword and comments.

There is the possibility to use a header DOI<sup>®</sup> independent, using only a header information to the original article

```
%url: https://www.doi.org/hb.html  
%url: https://other_url.html
```

so that the article, and the originals, have reliable archived source.

---

<sup>1</sup>wikipedia