Publications and Closure Theorems.

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Abstract:
We consider the world of scientific publications, from their journey of inception in an editor to a publication server like the DOI server. Publications live in an interactive fiction universe of text and hyper-media. We define closure operations on Camera streams, IF based Rooms and arrays of publication urls. Since we believe in open science and technology, the publications are not subjected to undue scrutiny, judgement and review by peers. They find freedom in a open repository.
Formal theory of closure theorems are presented.

Keywords: Publication Space, Camera Readiness, Interactive Fiction, Open Publishing, OCR, Digital Repositories, Closure Theorems, Isomorphism, Homeomorphism

What:
Given an input stream C from a Camera, an array A[] of urls from doi, prove a closure theorem in an interactive fiction room M.
How:
Definition of a homeomorphism to DOM space, proof in closure of any IF document as a DOM in P.
Why:
A cure for out of body schizophrenia.

Summary:

Main Points:
Main Theorem: Given an input stream C from a Camera, an array A[] of urls from doi, prove a closure theorem in an interactive fiction room M.

Applications:
Publication lifecycle definitions and creation of intelligent IDEs like scinote.

Code Base:
Github.

Introduction.

Homeomorphism

Two spaces with a homeomorphism between them are called homeomorphic, and from a topological viewpoint they are the same.(Contributors to Wikimedia projects 2001)

Very roughly speaking, a topological space is a geometric object, and the homeomorphism is a continuous stretching and bending of the object into a new shape.

Some homeomorphisms are not continuous deformations, such as the homeomorphism between a trefoil knot and a circle.

A self-homeomorphism is a homeomorphism from a topological space onto itself.

Problem Definition.

Given an input stream C from a Camera, an array A[] of urls from doi, prove a closure theorem in an interactive fiction room M.

Background.

Open Science (Duncan, n.d.; Lobo, n.d.; Tennant 2019; Frankenhuis and Nettle, n.d.; Scaria and Ray, n.d.)is a decade long endeavor to free the publication space from the idiosyncrasies of a review based system of prejudices, ignorance and judgements. As each publication is free born in the evolution of machines and serves as valuable knowledge input and data for the machine evolution, every publication is treated as an important contribution, no matter how out of place or time the contribution may seem.
Closure is essentially the world of living publications, which are cited and improved with time as they live on repositories, the closure defines mappings of homeomorphism, in space and time, symbolized by interactive fiction in text and a self mapping which like natural language is diagonal and hence incomplete in provability.(Wikipedia 2013; Simmons 1993b; Lindstrom, n.d.; Goldstein 2006; Meyer 2008; Świerczkowski 2003; Simmons, n.d., [a] 1993)

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Formal Definitions:

Publication Closures.

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Discussion.

To be reserved to a future date.

Future Work.

Future work would involve the definition of publication lifecycles, versioning, design of IDEs like SciNote and the A.I algorithms for such IDEs.

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