MetaMorphosis
A social network of Educational Resources

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Learning content in medical education

• produced by a variety of sources:
  – basic research outcome
  – accepted scientific knowledge
  – clinical practice

• addresses a variety of learning/teaching approaches, e.g.
  – conventional teaching
  – active learning experiences:
    case/problem/role/inquiry/… based learning
  – ...

medical learning content types

• conventional content
  – lecture notes, books, exam questions, practicals, scientific papers, graphs, images, videos, …

• content types unique in medical education
  – teaching files, virtual patients, evidence based medicine forms, objective standard clinical examinations, anatomical atlases, …

• alternative educational content types
  – reflecting active learning techniques and new technologies: didactic problems, wikis, forums, web traces, …

• user generated content
  – reflecting user interaction with learning content
considering the state-of-the-art nature of medical educational content, and the coverall cost to create it, it is imperative that such content can be:

- enriched
- repurposed
- re-used

so as to be embedded effectively in medical curricula, continuing medical education and public awareness
content repurposing

changing a learning object initially created and used for a specific educational purpose in a specific educational context, in order to fit a different purpose in the same or different educational context
an educational content repurposing social network

basically 2 social networks intertwined

• one formed by actual people (authors, teachers, students, end users)

• one formed by content items

with rich interactions within each network and across the two networks
interactivity for humans

- declaration of “friends”
- personal blogs
- personal content libraries
- creation of groups
- private and group messaging
- ...

interactivity for content items

• via (author defined) tags
• via comments and blogging
• via repurposing history

use the

“I am a friend of” and “my friend is”
relationships of a social network to describe
“repurposed from” and “repurposed to”
the implementation

• based on the ELGG open source social network platform modified for the incorporation of the second network of learning objects

• http://metamorphosis.med.duth.gr/
the ELGG platform

http://elgg.org/

– open source social network platform
– allows creation of ones’ own social network
– features plug-in architecture
– supports a number of open standards (RSS, LDAP, OpenID, FOAF, and XML-RPC)
– technical features: Apache web server, MySQL and PHP
MetaMorphosis

This is an experimental site, currently under construction within the mEducator project.

Please do not try to access it if you are not authorized.

For any questions contact medialabtechATmed.duth.gr or send a private message through the system to Nikolas Dovrolis.

Latest activity

- Eleni Dafli updated a profile (3 hours ago)
- Eleni Dafli updated a profile (18 hours ago)
- Eleni Dafli updated a profile (18 hours ago)
- Nikolas Dovrolis updated a profile (18 hours ago)
- OSCE θωρακικό αλγός has joined the network (19 hours ago)
- OSCE θωρακικό αλγός updated their profile Icon
Climate Health Impact game

Educational Resources Profile

Resource Title: Climate Health Impact

Resource Author(s): Playgen


Date of Creation: Thu 01 Jan 2009

Keywords: serious game, climate change, diseases, A-levels

Resource Language: English

Select the type(s) of the Educational Resource from the following dropdown list: serious game

Description of the resource in terms of its educational content:

Game objectives:
- Develop understanding of the need to consider and research the interactions between global warming and human health.
Create new Educational Resource

Click here to add a new Educational Resource...

Add Educational Resource

Display name

Please make sure the name you choose is descriptive. Could be the Resource’s title or something similar

Find item: http://galinos.med.duth.gr:81/elgg/search/

Search
# Meta-Morphosis

### All files

<table>
<thead>
<tr>
<th>File Name</th>
<th>Rating</th>
<th>User</th>
<th>Date</th>
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<td>David Panzoli</td>
<td>2 days ago</td>
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work in progress

• populate the network

• enrich social interactivity of educational content items

• study the double network dynamics
work done within mEducator

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<th>mEducator: Multi-type Content Repurposing and Sharing in Medical Education</th>
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<td><strong>programme:</strong></td>
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you are invited to join in and use MetaMorphosis...

http://metamorphosis.med.duth.gr/