Abdusamad, Ayad

Mapping Extensible Mark-up Language (XML) Documents into Rational DataBase Management System (RDBMS) for Condition Monitoring (CM)

Original Citation


This version is available at http://eprints.hud.ac.uk/19396/

The University Repository is a digital collection of the research output of the University, available on Open Access. Copyright and Moral Rights for the items on this site are retained by the individual author and/or other copyright owners. Users may access full items free of charge; copies of full text items generally can be reproduced, displayed or performed and given to third parties in any format or medium for personal research or study, educational or not-for-profit purposes without prior permission or charge, provided:

- The authors, title and full bibliographic details is credited in any copy;
- A hyperlink and/or URL is included for the original metadata page; and
- The content is not changed in any way.

For more information, including our policy and submission procedure, please contact the Repository Team at: E.mailbox@hud.ac.uk.

http://eprints.hud.ac.uk/
Mapping (converting) an Extensible Mark-up Language (XML) to a Rational Database Management System (RDBMS) with the assistance of (CMS)

ABSTRACT

• An observer will recognise that the development of the world as we know it is based on human creativity along with the power of reasoning given by the creator. This ability separates humans from animals and affects the changes which have occurred in our environment. ANN (Artificial Neural Network), being automated, is unable to function on its own, as explained later (See diagrams 7, 8 and 9.)

• Perception of terms data, information, knowledge, and wisdom is at the top of the hierarchical order perfecting decision making. (See diagrams 2 and 3.)

• Systems including XML and RDBMS either simultaneously or continually are observed by CMS or ADBMS for faults or leakages for replacement or adjustment in both hardware and software. Such action reduces defects in XML avoiding them when converted to RDBMS which uses complementary tables. (See diagram 1.)

• Statistical data analysis is inappropriate today as data, data set, data mining and information have recently greatly increased and been replaced by CMS to be observed continually.

• Bearings are complimentary but small compared to the huge role they play in the other systems completing their mission. (See diagrams 4, 5 and 6.)

CONCLUSION

From the description of the functions of the systems illustrated it can be seen that by interaction the systems enhance human lifestyle.