

Expert Databases, Glossaries and Further Services for Mathematics and Industry

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Applied mathematics brings industry (and services) and mathematics together. Where they meet, there they have joined interests. These interests can be supported by some services on the Web (not necessary Web Services).

The relevant interests in this case are for the mathematicians the mathematical research and money (for further research, especially since third party funding gets more and more important). The engineer or manager from the application side is eager to find a solution for his or her problem. To find it she or he is interested to be informed on recent developments (research and products) and in finding mathematical experts. It is essential that the offered information can easy be found and consumed.

To reach their needs both sides are making projects together and, in the best case, set up a fine project description in the Web, containing, besides a detailed description about the projects itself, descriptions of publications, software, patents and so on.

The project Math&Industry (funded by the German BMBF) solved most of the problems which come along with the generation of such Web-sites and build several useful services upon them. So Math&Industry will serve as an example for an information system for the applied mathematics.

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