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Web-based Builder of Digital Educational Resources

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These days there's a lot of media material available on the internet for educators that include papers and lectures for a wide range courses and educational programs. But if one wishes to use some new interesting multimedia resources in a classroom, it takes a lot of time to find good quality pedagogical resources corresponding that might one's own needs and requirements. The second problem is to integrate different interactive resources in joint presentation.

The goal of the web-based builder of digital educational resources for educators is to provide capabilities for solutions to a wide range of science education tasks using a set of web-services and a library of media objects. There are basic set of digital educational resources related to modern science and technology and these include pictures and photos, videos and animations, 3D models, interactive models and interactive schemes, tests and simulators and virtual practicum in the web-based builder. For ease of use these web based resources for educators contain web-service for work with media resources, web-service for building own lectures and presentations and web-service for building own tests.

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