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S.A. LAZAREV, K.A. RUBTSOV

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ABOUT THE PROTECTED VIRTUAL ENVIRONMENT MODEL SCIENTIFIC AND EDUCATIONAL ORGANIZATIONS

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In this paper, the authors highlight the issues of constructing a set-theoretic model of a protected virtual environment for information interaction between scientific and educational organizations, based on the description of the relations of entities and the rules of information exchange. A method is proposed for describing the composition, structure of classes and their hierarchy, which make it possible to represent, using set theory and predicate calculus, an object model of the organizational and technical association of subjects of information interaction within the framework of a unified management model and security policy. A model of session to information resources of a network of corporate portals has been developed.

Keywords: secure virtual environment, object system model, description of object models.

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(3) $P_{9w1},$ $10 \cdot 3,$ $t,$

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. . .,
.: +7-915-527-36-65
E-mail: lazarev_s@bsu.edu.ru

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.: +7-904-088-08-48
E-mail: rubtsov@bsu.edu.ru