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Context-aware approach for processing heterogeneous data

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Multi-parameters system is an information system that support or organization decision-making activities. The problem in multi-parameters system is estimation multiple heterogeneous data in dynamic environment. For this using context model, that can be used to characterize the situation of entities. We performed an analysis to determine a set of algorithms for context-processing tasks and to estimate their capability to fulfill the requirements typical for computing environments with different heterogeneous parameters that are using Multi-parameters system services. The results of context analysis can provide speeding up process of decision making.

- [1] Kyselova A., Shalaginov A. Intelligent model for Dealing with Contexts Application *CAD in Machinery Design. Implementation and Educational Problems : 18-th UkrainianPolish Conference CADMD'2010*, Lviv, Vezha&Co, 2010, p. 20–22.