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AGILE METHODOLOGY APPLICATION

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Abstract

The work is devoted to the application of methodological principles for improving the quality of responses to questions posed in front of an audience. Identifying characteristics related to satisfying established and consumed needs allows to find precise answers. The discrepancy between established norms and consumed measures is the cause of non-acceptance of survey results. Decisions marked as 'Approved' have become a rare phenomenon in the selection of candidates for vacant positions. This is caused by the inability to identify the true object and organize activities around overcoming the inclusion of distorted content in a given format. Flexible organizational principles serve as a means of overcoming this, based on which the peculiarity of the hidden problem is revealed.

Keywords: approval, dissatisfaction, independence, item, subject, emergence, principles

1 Introduction

Representatives of the group engaged in personnel selection are dissatisfied not with the professional level of candidates, but with the lack of ability to find the key point in the questionnaire and, based on it, propose something new that would capture attention [1-3].

The reason for dissatisfaction lies in the inability to overlay new knowledge onto existing understanding while demonstrating heightened interest.

This concerns methodology, the manifestation of whose effectiveness begins with the communication of systematic information. For this, it is necessary to abandon a frivolous attitude toward methodology and consistently reveal the content of each element in the established order [4-5]. In the course of this revelation, the skill to distinguish between the object (item) and the subject is revealed. This is accomplished using the principle of physical and logical independence (PLI).

Fig. 1 An approach to identifying the system-forming provisions of the methodology is presented.

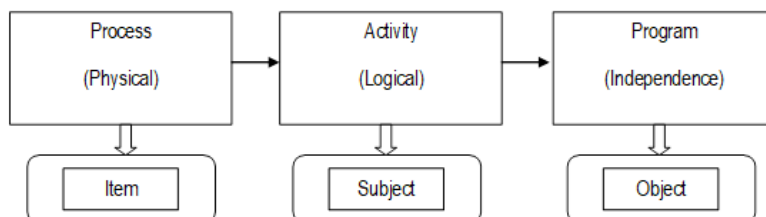


Figure 1. Using the PLI principle to identify the object of study

When identifying the object, it is necessary to free the program from errors. The task comes down to debugging the program. It should be noted that this is not about software tools [6-7]. A loyalty program, as well as the questionnaire that were examined, can serve as debugging. It is necessary to eliminate the discrepancy between process norms and activity measures. This is achieved through the sequential revelation of methodological principles [8-10]. Everything begins with a contradiction, more precisely with a place in the organization that brings it out of an unstable state. Knowing such a place, one can attempt to find the new element that is necessary and overlay this new element onto the existing model. Very often, such a link in the organization is the place of greatest misunderstanding. Next, the research problem is formulated: 'It is impossible to ensure the system's exit from an unstable state in the absence of means for selecting effective improvements.' Following the problem, the research object is formulated, the essence of which consists in the fact that stable system functioning is carried out in a system free from errors. The technique of superposition serves as the subject matter. Its effect lies in ensuring the effective overlay of improvement proposals for the system onto the model of the operating enterprise.

The research purpose consists in developing a procedure that ensures achievement of a specified level of efficiency after changing the system's operating mode.

1. Current analysis of the structural representation of methodological principles.

2. Identification of a system of principles that ensure preservation of system properties before and after implementing significant changes.

3. Revealing the organization's potential through configuring the system of principles within the structure.

4. Application of an efficiency evaluation procedure in the context of the adopted system of principles.

The research subject directs its actions toward preserving the property of emergence after transitioning from one model to another. This ensures logical independence.

Conceptually, it is required to describe the system of principles within the framework of a unified methodology

2 Principles Methodology

In the course of solving the assigned tasks, a hierarchical structure of fifteen methodology elements was identified. The Agile principles system was examined as the principles framework. This methodology was chosen because it provides the ability to adapt to emerging large-scale circumstances and timely find the most effective way to change the organization by switching it to new operating modes.

During the research, results were obtained for configuring principles to the methodology structure.

The results of the setup are given in table 1.

Table 1

Results of overlaying Agile principles on the structure of the methodology

No	Methodology structure element	Agile principle content
1	Key words	The project needs motivated professionals working on it. To get the job done, create the conditions, provide support and trust them completely.
2	Limitations	A working product should be released as frequently as possible, with a frequency of a couple of weeks to a couple of months.
3	Relevance	Face-to-face communication is the most practical and effective way to exchange information both with and within the team.
4	Contradiction	The best requirements, architectural and technical solutions are born from self-organizing teams.
5	Problem	Simplicity -the art of minimizing unnecessary work – is essential.
6	Object	Our highest priority is to satisfy our customers through regular and early delivery of valuable software.
7	Item	Throughout the project, developers and business representatives must work together on a daily basis.
8	Purpose	The team must systematically analyze possible ways to improve efficiency and adjust its work style accordingly.

9	Tasks	Continuous attention to technical excellence and design quality increases project flexibility.
10	Subject	Being prepared for change is more important than following the original plan
11	Results	A working product is the primary indicator of progress.
12	Value	Investors, developers, and users must be able to maintain a constant rhythm indefinitely. Agile helps establish such a sustainable development process.
13	Principles	A working product is more important than comprehensive documentation and Customer collaboration is more important than contract agreement
14	Perspective	People and interactions are more important than processes and tools
15	Method	Changing requirements are welcome, even at late stages of development. Agile processes enable change to be used to provide the customer with a competitive advantage.

The identified correspondence will allow for standardizing actions when working with the genuine object.

Thus, based on the approach considered, it became possible to develop an organization standard. Its use will allow in practice to cut off recommendations that destroy the organization.

3 Conclusions

The performed analysis of the structural representation of methodological principles within the hierarchy of values allowed for determining a system of principles based on which the organization's transition to a stable state is ensured. An example of this could be a situation with a candidate who comes under pressure from extremely unfavorable circumstances. The identification of Agile principles as the initial system ensures preservation of system properties before and after implementing significant changes. This makes it possible to describe all conditions of negative influence from unverified information. With regard to the organization, this ensures extension of its lifespan by reducing the time the enterprise spends in an unstable state. As a result, the hidden potential of the organization is revealed through sequential execution of standardized actions.

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