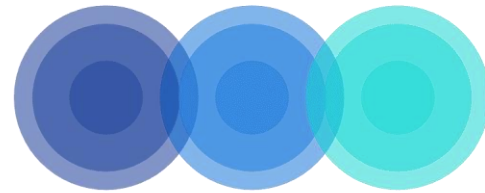


# Free Online BPMN Quality Analysis Service



**freebpmnquality**

**Evaluation of BPMN business process model quality and correctness  
This online service helps to find modeling mistakes in BPMN diagrams**

# About us



## **Andrii Kopp**

Co-founder  
PhD in Information Technology,  
Senior Lecturer,  
Department of Software Engineering &  
Management Information Technology,  
NTU "KhPI"  
Kharkiv, Ukraine



## **Dmytro Orlovskyi**

Co-founder  
PhD in Information Technology,  
Associate Professor,  
Department of Software Engineering &  
Management Information Technology,  
NTU "KhPI"  
Kharkiv, Ukraine

# Motivation



Business process modeling helps organizations to represent scenarios of their activities in graphical way in order to find possible drawbacks, identify potential improvements, or just to instruct employees with detailed descriptions of workflows they should follow.

Business process modeling require certain training, but even experienced analysts that know literally everything about workflows under description may commit some mistakes: models could be redundant and workflow paths could be inconsistent, which lead to poor quality models that are not understandable enough and barely modifiable.

Business process models of high quality are expected to be deployed and executed without errors that may lead to extra expenses and delays.

# Roadmap



**PoC** Solution compatible with the de-facto standard of business process modeling – BPMN 2.0 (Business Process Model and Notation). Accessible and easy-to-use for all non-technical users involved into the business process modeling activity. Can detect various modeling faults and poor design solutions, and highlight them on a model diagram, so users do not need to find which exactly element causes troubles. Highlighted weak spots are interactive – users may hover them and the detailed enough explanation what is wrong with this element is provided.

**MVP** Personal user workspace available after sign up. BPMN models storage/repository with advanced querying features. Advanced BPMN model assessment features, such as configurable validation rules, improvement suggestions, and auto-correction of modeling “typos”. API for integration with major business process modeling and automation software.

**Ready Product** DevOps-like pipeline for business process models with continuous quality assurance and deployment in a platform repository. Corporate user accounts with multiple roles and privileges. Integration with version control and bug-tracking systems. Business process model quality management ecosystem.

# Solutions



## EtherBPMN

Inter-organizational blockchain of BPMN process models provides decentralized storage and a cryptocurrency to monetize exchange of corporate knowledge



## QualiBPMN

Free online tool for BPMN models quality analysis checks conformance of BPMN 2.0 diagrams to business process modeling rules



## FinBPMN

Online service helps to estimate efforts and costs to fix defects in business processes in any stage of the ongoing automation or re-engineering project

# Coverage



## **EtherBPMN, QualiBPMN, FinBPMN**

- Supports BPMN 2.0 (Business Process Model and Notation) standard.
- Accessible and easy-to-use for non-technical process modelers.
- Business process model quality management ecosystem.

## **QualiBPMN**

- Detects and highlights various modeling faults and poor design solutions.
- Users may hover highlights and get the detailed enough explanation what is wrong with a process element.

## **EtherBPMN**

- Personal user workspace available after sign up.
- BPMN models storage/repository with advanced querying features.

## **QualiBPMN, FinBPMN**

- Advanced BPMN assessment features (configurable validation rules, improvement suggestions, and auto-correction of modeling “typos”).
- API for integration with major business process modeling and automation software.

## **EtherBPMN**

- DevOps-like pipeline for business process models with continuous quality assurance and deployment in a platform repository.
- Corporate user accounts with multiple roles and privileges.
- Integration with version control and bug-tracking systems.

# Manuals



## EtherBPMN

<https://github.com/freebpmnquality/cloud-services/tree/main/storage>



## QualiBPMN

<https://github.com/freebpmnquality/cloud-services/tree/main/analytics>

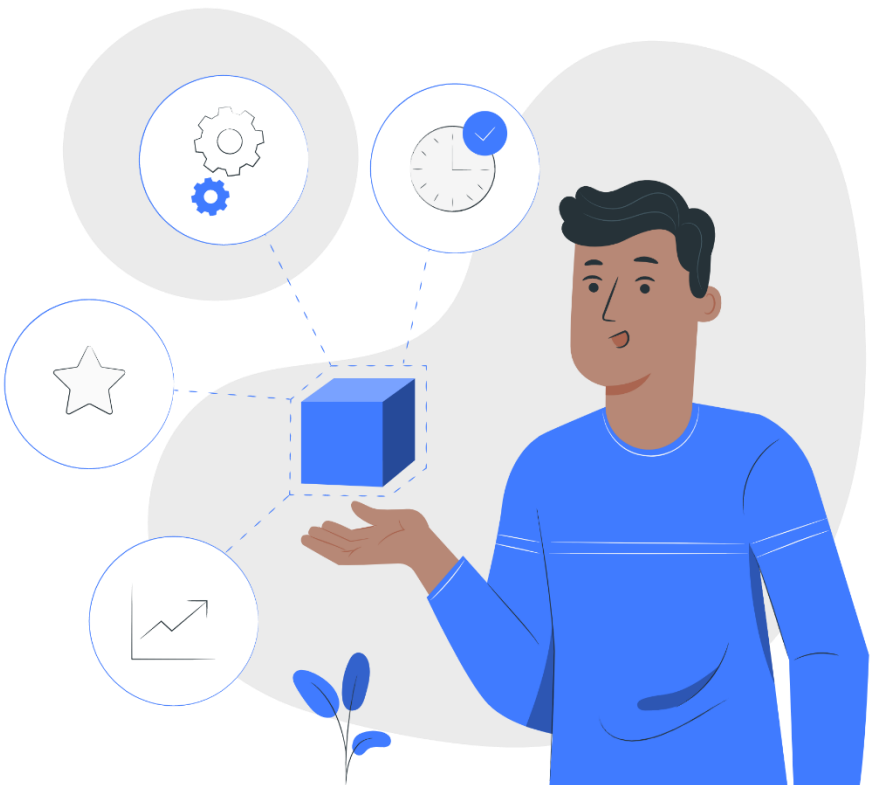


## FinBPMN

<https://github.com/freebpmnquality/cloud-services/tree/main/analytics>



# Demos



**EtherBPMN**

<https://cloudfreebpmnquality.herokuapp.com/storage/>



**QualiBPMN**

<https://cloudfreebpmnquality.herokuapp.com/analytics/>



**FinBPMN**

<https://cloudfreebpmnquality.herokuapp.com/finance/>





# Contacts



koppandrii@gmail.com



@freebpmnquality



61000, Kharkiv, Ukraine



freebpmnquality

