MONKRULS

Business Rules Engine

DATA SHEET

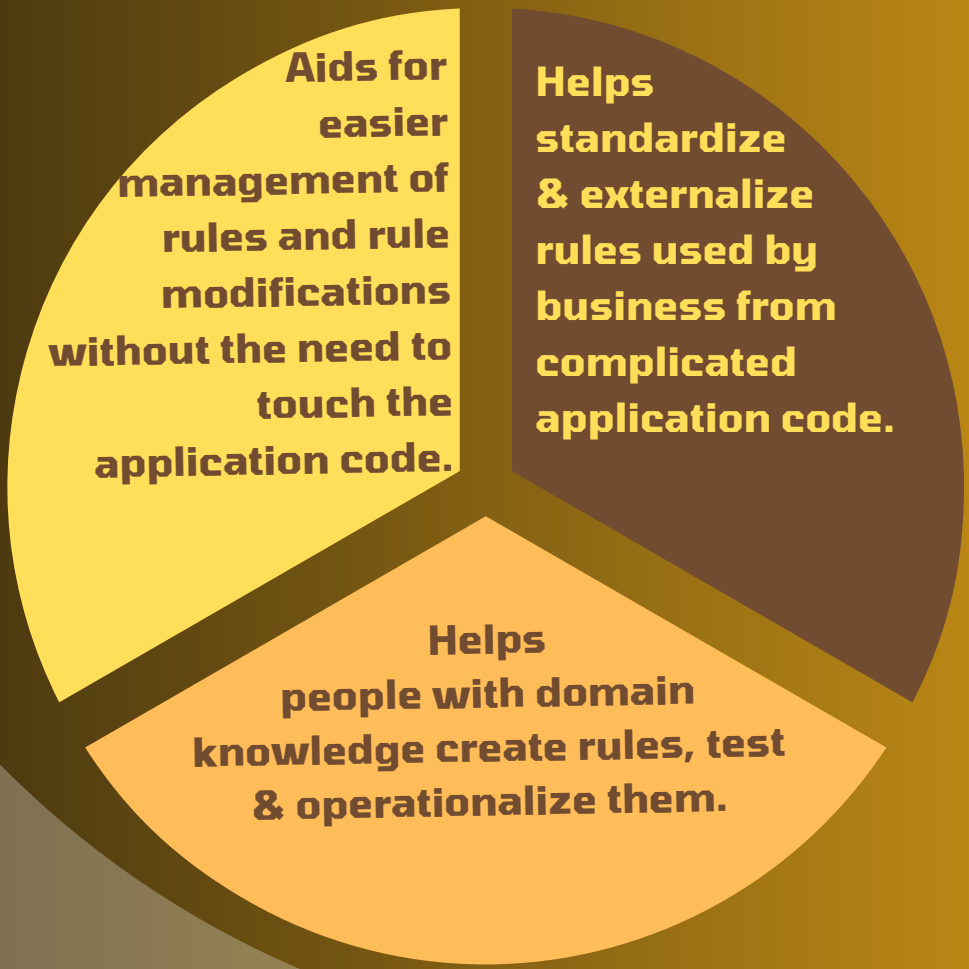
BUSINESS RULES ENGINE

A lightweight but powerful business rules engine. It manages decision processes using pre-defined logic to determine outcomes.

MonkRuls enables precise decision making especially useful for complex dependencies.

This also covers instances where regulatory or organizational rule changes frequently that require logic modifications. Its automation capabilities can mean the difference between rules updates that can take months as against hours.

It is designed to help companies avoid significant fines and penalties for falling out of compliance.



HOW DOES A BUSINESS RULES ENGINE HELP?

A business rule is a statement that describes a business policy or procedure. Business logic on the other hand describes the sequence of operations associated with data in a database to carry out the rule.

A Business Rules Engine (BRE) separates execution code for business rules from the rest of the business logic. It is a software tool that automates decisions in various steps of a business process. The decisions are made according to predefined rules and conditions loaded into the BRE.

Benefits & Advantages

Marketplace
Keep pace with marketplace changes

Output
Boost efficiency, increase connectivity and productivity

Policy
Ensure regulatory and improve policy compliance

Customer Service
Improve quality of work that results to good customer service

CHOOSING THE RIGHT BUSINESS RULES ENGINE

TYPES OF BUSINESS RULES ENGINES

Basic workflow-based BRE works well for very simple workflows that are manageable by free templates and workflow.

Logic-based BREs fits a good sturdy level of automated decisions that work based on preset conditions.

Coding-based BRE is for high-level custom automation, where manual coding is required.

Externalizing Decision into business rules

Manage decision logic independently from applications.

WITHOUT Decision Management	**WITH** Decision Management
Decision Logic	**Business Rules**
Not everyone in the business world can read rules written in software code	Natural language rules can be read easily
Rule intertwined within applications cannot be reused by other systems	Externalized rules are ready to change
Hard-coded rules are difficult to change	Centralized rules enable reuse and consistency

KEY FEATURES

Allows rule to. be created, tested, authored in natural languages and tools using advanced AI	Native support for Excel; Inputs, outputs, and rule look up tables can be created in Excel
Supports Visual Drag & Drop for Rules Authoring environment	AI Based decision engine - the only Rules Engine which tells the user why they failed the rules
No need to learn a new tool	

Supports JSON, CSV formats for all artifacts

Support for objects and REST/JSON rules API

No programming language needed

Decision tree and flow based

Built in API and embedded deployment models

Ability to provide reasoning for decisions.

Functional support for set theory

Iteration based rules engine

A modern rules engine

SYSTEM REQUIREMENTS

SPECIFICATIONS

SUPPORTED OS	Windows Server 2022 and Linux, Redhat Enterprise & Ubuntu
COMPLIANCE	ISO 27001 with SSL TSL 3.0
SYSTEM REQUIREMENTS	Minimum 2 Cores, 8 GB RAM and 5 GB Disk
PRODUCT MODEL	SaaS or Hosted Software
INSTALLATION METHODOLOGY	Delivered as SaaS or Prebuilt VMs
INTEGRATION	Windows, Linux, Network via SNMP
SUPPORT	Up to 24x7 as per Tekmonks software support handbook

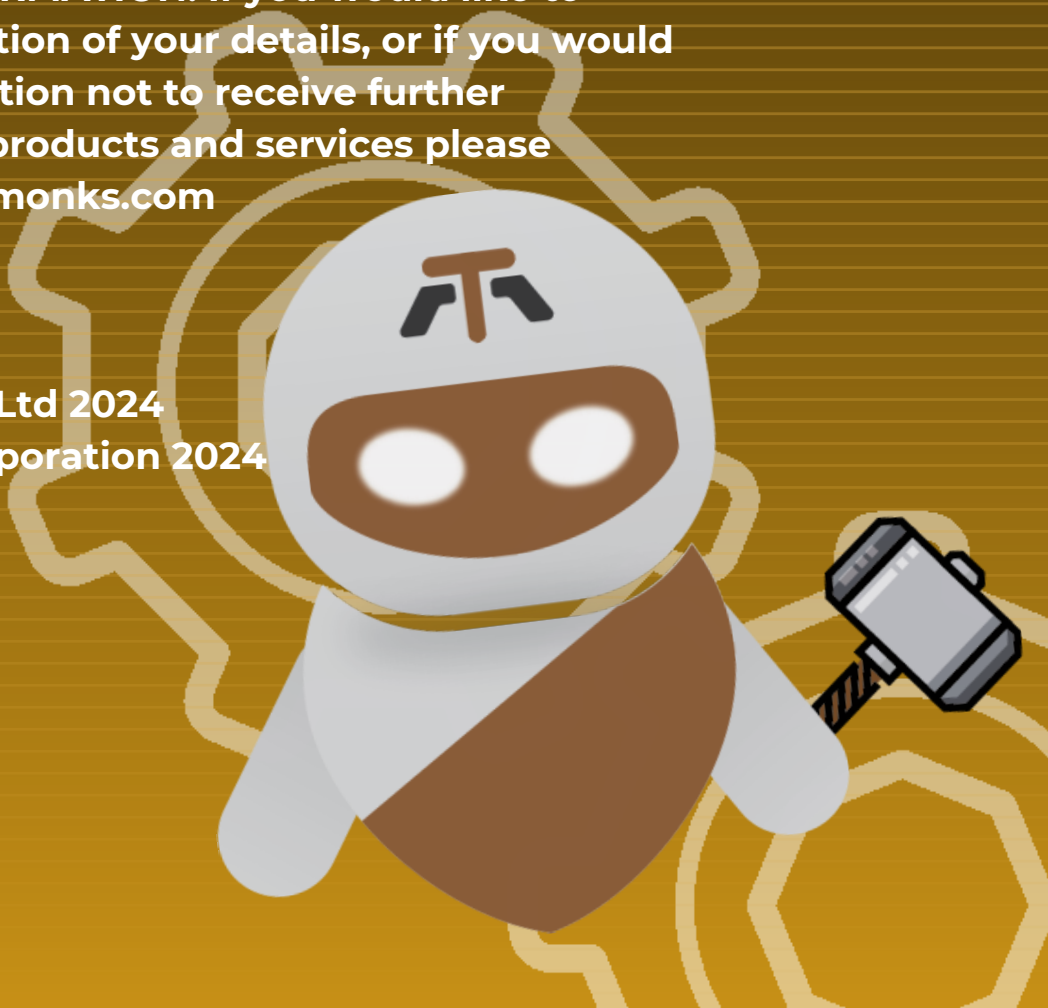
Tekmonks

Produced/Printed in the UK 02/24

TRADEMARKS: Tekmonks, the Tekmonks logo are trademarks or registered trademarks of Tekmonks Corporation in the United States, other countries, or both. All rights reserved.

PATENTS: US Patent Pending

IMPORTANT PRIVACY INFORMATION: If you would like to request access to or correction of your details, or if you would prefer you or your organization not to receive further information on Tekmonks products and services please contact us at: privacy@tekmonks.com

© Copyright Tekmonks UK Ltd 2024
© Copyright Tekmonks Corporation 2024
All Rights Reserved
Tekmonks Ltd.

Kemp House, 152 City Road
London. EC1V 2NX. UK.