

RMIT IT-profiil 2.7.0

The goal of the IT profile is to keep the management, maintenance, and training costs of information systems optimal and to minimize technical complexity (such as the number of different platforms). Development work should by default be based on the supported technologies, tools, and platforms listed here. Exceptions must be discussed.

Tehnoloogiate loetelu	
Servers	Apache Tomcat; Weblogic allowed only if not possible to use Tomcat
Integration platforms (service buses)	WSO2
Op. systems	RedHat Enterprise Linux
Load balancers	Apache, HAProxy
In-memory data grid	Hazelcast
Tests	Gatling, Selenium
Distributed tracing	Trace Context (https://www.w3.org/TR/trace-context/)

Bigger resource req must be discussed	
Typical memory allocation for the application:	Max 2 instances, max 2 GB per instance
Max DB connections per instance: 25	
Max session size per user	2 MB
Max message or uploadable content size	50M (bigger must be packed and/or splitted)

Application parameters that can be changed without rebuilding (the list is not exhaustive but illustrative)	
Scheduled times for launching processes	Preferably in cron format and with the option to disable startup altogether
All numeric security parameters	Eg. session length
All files / folders locations	
DB connection parameters / JNDI name	

Descriptions of log levels for applications	
Fatal	May only be used if an error occurs at startup that prevents the application from functioning (e.g., missing database configuration)
Error	Tech errors (nt network, db connection errors etc). Business logical erros not here.
Warning	Tech issues that system can overcome itself
Info	Invocations of services and objects important in terms of business logic. Information and error messages displayed to the user (data saved, input invalid, etc.). Notifications of data changes along with the object's primary key.
Debug	For developer
Trace	Notifications of data changes along with the object's primary key.

Muud nõuded	
Reserver or globally restricted URL paths	*/info* */ajutLogin* */health* */actuator* */test* */status* */help.txt