SHRINE 3.0.0 Chapter 2 - Requirements

When installing SHRINE from scratch, we generally recommend these minimum requirements for best performance, as these are the conditions that we test the software in:

	Minimum	Recommended
Operating System	RPM-based Linux	CentOS 7 Core
Web Browser	Google Chrome 74	Google Chrome 83 or better
Processor	2 cores	4 or more cores
Memory	4GB	8GB
Hard Drive Space	30GB	100GB
Java JDK	Any JDK version "11.0.6" 2020-01-14 LTS	OpenJDK 64-Bit Server VM Zulu11.37+17-CA
Apache Tomcat	8.5.39	8.5.41
MariaDB	5.5	Ver 15.1 Distrib 5.5.64-MariaDB
i2b2 Version	1.7.12a	1.7.12a

For i2b2 1.7.12a - we have observed a lot of success with i2b2's "quick install" option. If you have not yet installed i2b2 1.7.12a please consider that path first.

Do not install SHRINE and i2b2 on the same operating system. Both SHRINE's Tomcat and i2b2's Wildfly servers are optimized to make maximum use of the operating system's resources. Either can starve the other for processing time or memory to the point of stalling both systems.

We strongly advise that you avoid placing SHRINE behind an application proxy. Misconfigured application proxies frequently interfere with SHRINE's networking needs. They offer no benefits in a SHRINE network and make troubleshooting very difficult. If you must run an application proxy, we ask that you configure your proxy to not intercept or modify any of SHRINE's network traffic.