



Software Technology Company

OUR WAY

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I. THE STRONGEST TEAM

Get to know us better

**Hi! We are #VLTeam
and this is how we do it**

We build advanced, reliable and scalable software solutions of the highest quality. Join our team to revolutionize the way modern businesses grow in their domains.





Founded in
2010

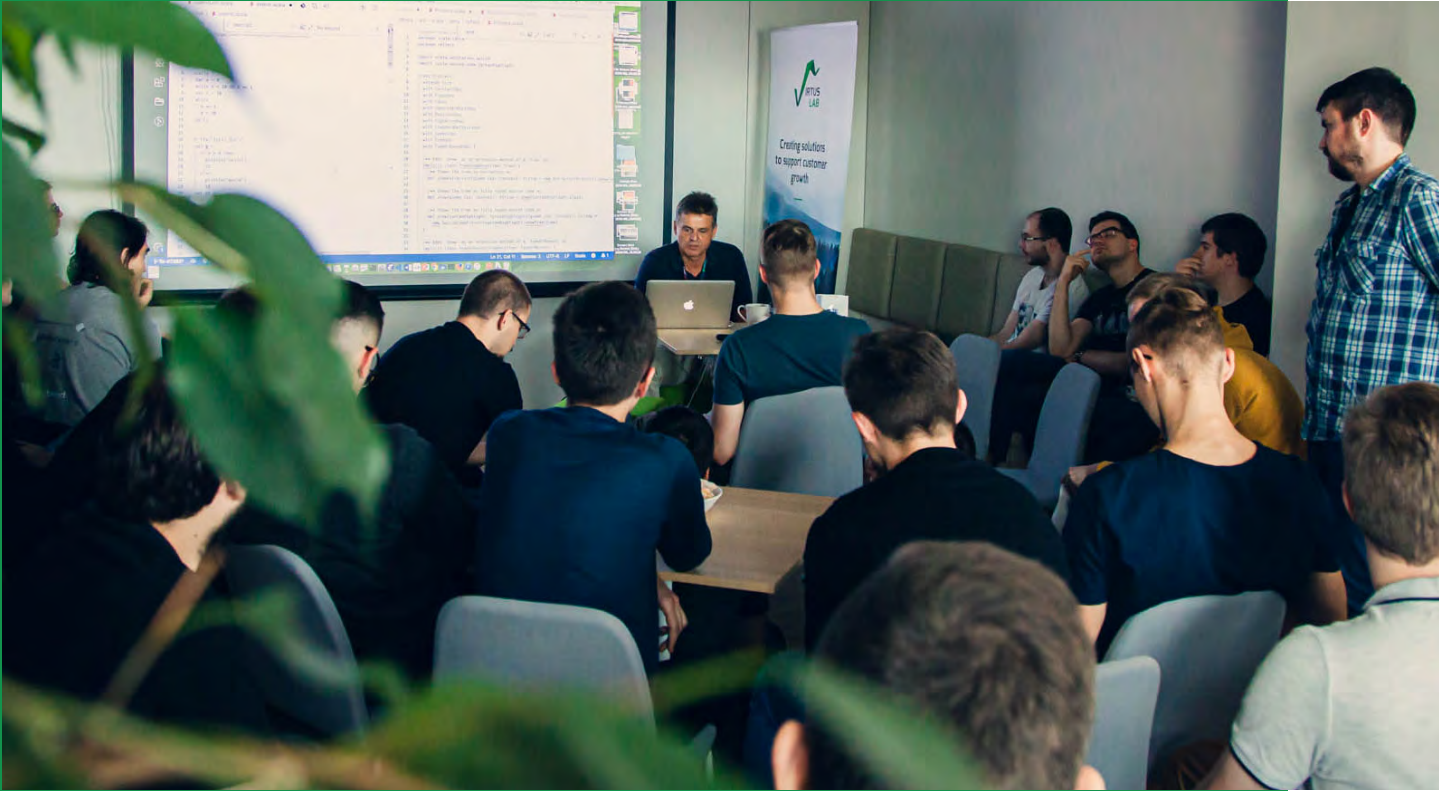
2000+

people on board

and still counting

150+

internal **training**
courses & meetups in 2019



5-8

people
is the **average size**
of project team





Our locations



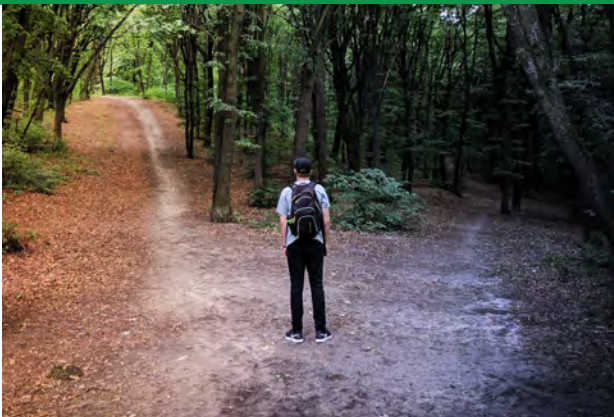
We're getting things done from our dev units in Kraków, Kielce and Rzeszów. We have the opportunity to work remotely 1-2 days a week, depending on the project. Just choose what suits you best.



We share knowledge

More popular **blogs/vlogs**

VirtusLab teams were always very eager to share the knowledge and experience acquired while working on projects with our customers. We run our [blog](#) for several years and it contains materials in various areas - from Scala to Cloud Native software to data engineering.



Helm alternative

regaining control over Kubernetes resources

Here is our take on Helm's shortcomings and a follow up with a proposed alternative - Render - our open source project born with growing frustration after experiences with Helm.



Implementing a server for the Language Server Protocol

As we work extensively on Metals in VirtusLab (we are one of core maintainers of the project) we also touch this area. Here is an interesting blog post about implementing custom LSP (Language Server Protocol) - with Metals as an example.



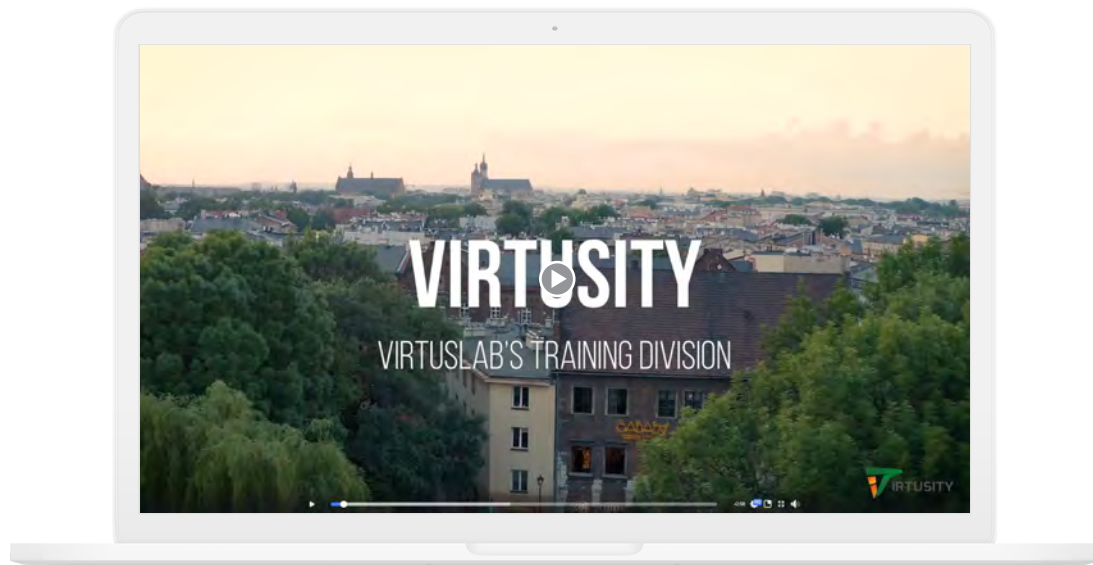
VirtusLab Videocasts



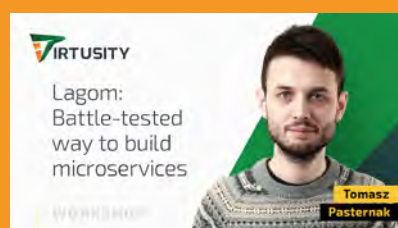


Virtusity and possibilities

Virtusity is our training division, which we often define as IT training by professionals for professionals. We believe that the development and acquisition of new skills are essential for the strongest team. Each and every team member is very welcome to join Virtusity, created to offer the highest possible quality IT training by professionals for professionals.



Examples of our training:



II. COMMUNITY

We are the founding **sponsor of 9** local tech groups

Meetups

Virtuslab always put a lot of effort in supporting community.
We run several different communities in Krakow, Rzeszów and Kielce.



1510



503



535



627



637



336



590



445



848



SUPPORTING PARTNER

2305

updated: July 2020



We are proud to be an organizer of the **sphere.it** conference



Sphere.it in its shape focuses on state-of-the-art technology and solutions to day-to-day developers' problems. It's a conference that provokes you to make a positive change in the way you build software systems, giving you the opportunity to learn, share and connect. Multidisciplinary conference with a focus on production systems - technology, trade offs, lessons learned and problems.

Areas:

distributed and reactive systems

dev tooling

cloud-native

data science and data engineering

front-end engineering

We will present them at 3 levels:

Masters of Software Craftsmanship talks

Advanced talks

Introduction talks

We share the experiences of running scalable, large-scale systems in production, with real users and real tradeoffs (and real deadlines).

In other words Sphere.it is a place where the rubber meets the road – real-world problems, tradeoffs and solutions.



III. TECH INNOVATION (R&D)

Growth through innovation

R&D – examples of projects

R&D plays an integral role in VirtusLab's innovative products development. Using a simple framework and intensive R&D sessions we are able to extract the most valuable ideas, design and develop PoC of products and test them in a production environment. We focused our research mainly on software development efficiency domain, and we believe that all ideas and improvements applied to this area will be the most valuable for our company and the services we are offering.



Context Buddy is a tool that will help you with understanding your project and its history. Context Buddy is learning your project with every line of code changed, test run and bug fixed. You can learn more on the [official website](#), internal documentation or from its main repository.



Graph Buddy is a tool to extract abstract semantic graph data from your project. It allows to take a look at project code from above and – instead of seeing just text files – go through colorful graph nodes that instantly and clearly show you dependencies and other important bits extracted from your code base.



Vived is a career development tool for IT specialists that helps them to find the best matching project/product & position to work at. Unlike other solutions on the market, Vived assures perfect matching of all aspects of a job - including technologies, project/product and work culture.



Jenkins Operator is an open source initiative that brings Jenkins into Cloud Native world - in a form of Kubernetes operator. It has been brought into official CloudBees / Jenkins project and is being actively developed in VirtusLab. You can see more about it [here](#).



We contribute to 15 open-source projects
We proudly **made 9 by ourselves**

More popular OSS

VirtusLab always tries to give back to the open source community. Here's [our Github account](#) and below you can see a brief description of our most loved repos:



Metals

Scala language server with rich IDE features and 2nd most widely used IDE for Scala. We've got a dedicated team that maintains Metals as a part of our agreement with **Scala Center**.



Git-machete

Versatile tool for organizing git repo specifically in the context of branch relations, branch synchronization or helping with branch traversals. In one word - swiss-army knife for all devs who like to work with lots of small PRs (as it is meant to be ;)



Fury

An experimental dependency manager and build tool for Scala and (potentially) other JVM languages, designed and implemented by Jon Pretty with support from Virtus Lab. It is still under active development, and is in private beta.

Kotlin for Eclipse

Plugin that allows you to write Kotlin code with ease on Eclipse platform. It is not as powerful as IntelliJ itself but offers a chance for developers still using Eclipse-based IDEs (e.g. Spring IDE) to evaluate and learn Kotlin.

Dokka

A documentation engine for Kotlin, performing the same function as javadoc for Java. Just like Kotlin itself, Dokka fully supports mixed-language Java/Kotlin projects and provides much more features than javadoc itself.



Jenkins OPERATOR


Jenkins Operator is our open source project contributed to official Jenkins Github organization. Built with immutability and declarative configuration in mind, it helps you to set up your Jenkins in a truly cloud-native way.



We contribute to 15 open-source projects
We proudly **made 9 by ourselves**


Example of OSS

we constatly enhance software that is used by software developers around the world. Here's [our Github account](#) and below you can see a brief description of other significant projects:




Render

Universal data-driven template for generating textual output, as a static binary and a library




Crypt

Universal cryptographic tool with AWS KMS, GCP KMS, GnuPG and Azure Key Vault support




Unicorn

Slick (the Scala Language-Integrated Connection Kit) is a framework for type-safe, composable data access in Scala.




Ariadne Bootloader for Arduino

A beta-stage bootloader for Arduino Ethernet board and the regular Arduino with Ethernet Shield



Akka workshop

Workshop on akka remoting, clustering, and supervision



Beholder

Play-Slick library for data presentation




PySpark workshop

Workshop on distributed Big Data processing using PySpark



MLflow

Open-source platform for end-to-end management of the machine learning lifecycle



SBT

Most popular build tool for Scala projects



Guilds

Guilds inspire us to great teamwork around specific topics of software craftsmanship.

It's a place where we can always get support and develop technical skills. Through brainstorm meetings, intensive workshops and R&D activities we achieve our individual goals much quicker. Shared knowledge from many projects directs each of us towards the expert level. And Guilds remind us that we have a significant impact on the direction of our company - we suggest, build and care about the company's Expertises.

DDD Guild - we share a passion for well-crafted backend development through Domain Driven Design methodology. We often organize meetings to explore specific, complex business problems using event storming. We like to test different technology stack and build recommendations for our teams on how to build scalable solutions that solve the most complicated domain problems.

DIS Guild - we focus on data-intensive systems with particular emphasis on user's data security. Our group explores top streaming solutions, best practices for distributed systems development and architectures for building risk engines. We support local Kafka community organizing Kraków Apache Kafka Meetup.

IV. LONG-TERM CUSTOMER PARTNERSHIP

To maximize the potential of technology

Areas of **expertise**

What makes us stand out is the professional approach we have towards software development. We have the **knowledge and experience** to maximize the potential of technology in specific business domains for our customers.

END-TO-END SOFTWARE DEVELOPMENT

AI/ML

On top of that, we create helpful and dedicated solutions for developers as we aim to support them in almost every aspect of their professional work and help them build the best software out there.


FINTECH

STREAMING

TOOLING - DEV EFFICIENCY

Partners





Professional.
Supportive.
Team-oriented.
Enhanced.

WWW.VIRTUSLAB.COM

#VLteam