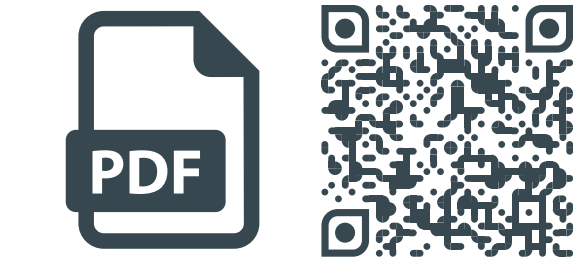
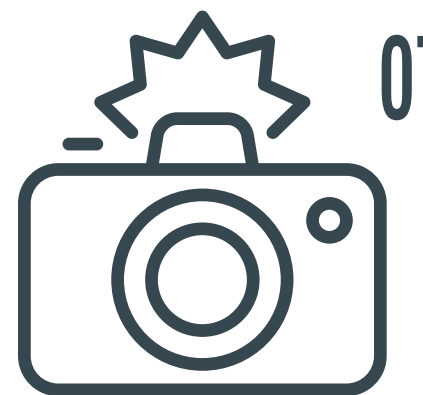


SiLA 2 Open Source Initiative

Download this poster



Take a picture of me!



Impact for Users

Standardisation efforts are only helpful if there is a wide selection of instruments supporting the standard. The purpose of this initiative is to accelerate the adoption through 3rd party developed drivers for legacy instruments while reducing the cost of SiLA 2 adoption.

Benefits

- Download and update drivers immediately, no questions asked
- Share development costs with other users
- Reduce cost on automation projects
- Benefit from improvements made by other users & developers
- Find SiLA trained software suppliers fast with matchmaking

Impact for Developers

Standard connectivity accelerates project development and gives an opportunity to build several different applications on the same "Internet of Instruments". With SiLA 2 you can build one interface to your solution to communicate with any instrument or scheduler dynamically, without custom adaptations for each case.

Benefits

- Reduce cost of sales and get matched into ready projects
- Finance and speed up SiLA 2 integration projects, whether you are an integrator, vendor or an independent developer
- Benefit from improvements made by other users & developers
- Find new customers

Wait, What's SiLA?

SiLA's mission is to establish international standards which create open connectivity in lab automation. SiLA's vision is to create interoperability, flexibility and resource optimization for laboratory instrument integration and software services. It is based on standardized communication protocols and content specifications. SiLA promotes open standards to allow integration and exchange of intelligent systems in a cost-effective way. SiLA 2 is developed using open communication protocols that are well established and defines a thin domain-specific layer on top of these, consisting of common concepts and vocabulary / taxonomy to allow for easy accessibility, even to SMEs.

More information at: <https://sila-standard.com/>

Support the Initiative

SiLA 2 marketplace



SiLA consortium provides the product store where anyone can publish their SiLA 2 compatible work. You can find scheduler software, drivers (free, open source and proprietary) and free tools such as the SiLA Browser.

<https://sila-standard.com/product-store/>

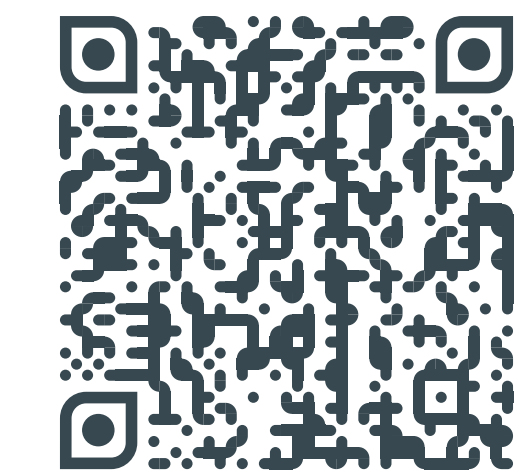
SiLA 2 repository



Discover the SiLA 2 open source libraries, developer tutorials, reference implementations and other tools in the SiLA 2 repository. Current implementations in C#, Java and Python. C++ library is under development.

<https://gitlab.com/SiLA2>

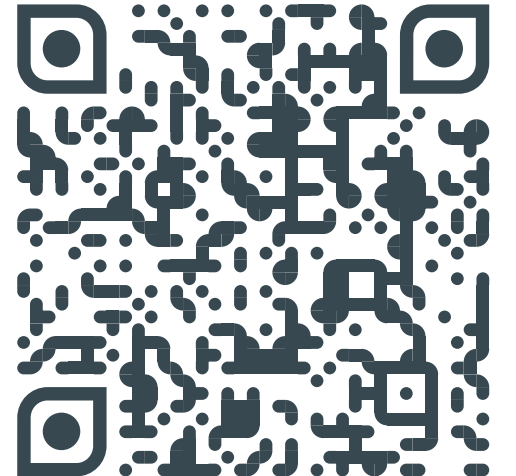
Matchmaking



Fill out the simple form and see the current level of interest in different instruments

Code reading tips: point with your camera and/or use Google Lens

Contact us



info@unitelabs.ch
Contact us and join the work group to make this initiative a reality, together!

1. Express Interest

You have identified an instrument that you would like to integrate over SiLA 2. Add your name and the instrument on the wish list.

2. Matchmaking

- 1) The matchmaking platform finds ideal developers and users to develop a driver in collaboration, splitting the bill
- 2) The user needs the driver urgently and finds a software supplier via matchmaking platform

3. Publishing

The driver is uploaded to the SiLA open source driver repository, permitting free use and derivation in commercial and non-commercial context.

5. Contributions

Any individual or organisation can improve the driver. All contributions to the repository will be reviewed by dedicated maintainers. Additionally, any user could leave a review on the quality and report issues.

4. Availability

All contributors, or any other individual or organisation can now access the open source driver, free of charge. All drivers will be available for download in a single location.

