

# Stellar PHP SDK

Enables more than 5 Mio PHP developers to create highly usable Stellar products

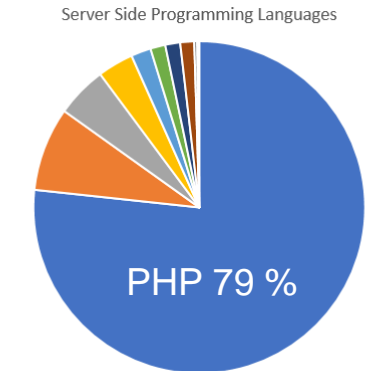
## Relevance

- 79% of all websites use PHP as the server side language
- There are more than 5 Mio PHP developers worldwide
- PHP is an easy way to do your first steps in Stellar programming
- Existing PHP SDK for Stellar is not maintained since 2018

Source w3techs.com

## Our Mission

- Create a new Stellar PHP SDK
- Up to date with the newest Stellar Core Protocol (Version 17)
- Provide maintainance for the future



■ PHP ■ ASP.NET ■ Ruby ■ Java ■ Scala ■ static files ■ JavaScript ■ Python ■ ColdFusion ■ Perl ■ Erlang

Server Side Language	Usage %
PHP	79,0%
ASP.NET	8,4%
Ruby	5,1%
Java	3,6%
Scala	2,0%
static files	1,5%
JavaScript	1,5%
Python	1,4%
ColdFusion	0,3%
Perl	0,1%
Erlang	0,1%

Stellar PHP SDK

# Motivation

The existing PHP SDK for Stellar by zulucrypto is not maintained since 2018.

- The community was active asking for an update (see comments on keybase sdk-maintainers).
- The old SDK got 50 stars on github
- 18 issues are still open since 2018
- **25.000+ downloads** Source <https://packagist.org/?query=stellar>

zulucrypto/stellar-api  
API client for the Stellar network  
25 070  
★ 50

**owenj** 09:51 - 16 Apr 20  
Was there a different PHP sdk implementation other than zulucrypto's one?

**coreyballou** 18:00 - 13 Jul 20  
Does anybody know what happened to @zulucrypto dropping off the face of the earth a few years ago? It's perplexed me and I've tried reaching out a few times to no avail. All his social accounts went stagnant.

Stargazers



Stellar PHP SDK

# Team

Our team consists out of Christian Rogobete (soneso.com) and Hans Woppmann (blueouion.cc). We are both active within the Stellar community and developed several projects on Stellar.

## Hans Woppmann - CEO of BlueOrion.cc

- Full Stack Developer with a Masters Degree in Computer Science
- Active within the crypto space since 2013
- Development of Stellar projects since 2017
- Winner of three Stellar funds
- Organizer of Stellar meetups and workshops
- Speaker at Meridian the first Stellar Conference 2019 in Mexico



## Christian Rogobete - Owner of Soneso GmbH

- Full Stack Developer and Product Owner with a Masters Degree in Computer Science
- Active within the crypto space since 2016
- Development and maintenance of the Stellar iOS SDK since 2018 and of the Stellar Flutter SDK since 2020
- Winner of the Stellar Build Challenge with the Stellar iOS SDK
- Multiple contributions to the stellar protocol github repository

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# Stellar PHP Development + Community

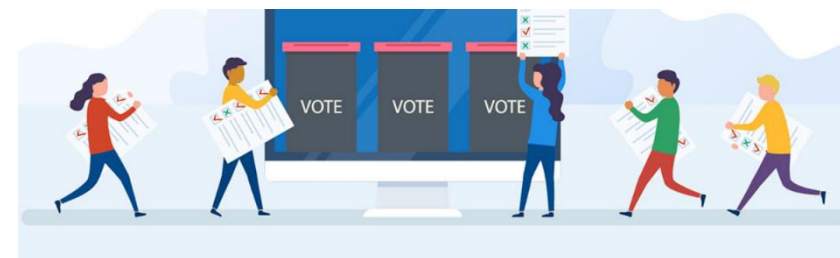
BlueOrion has developed several PHP applications using the old PHP Stellar SDK and knows about the limitations and problems of the old SDK.

One of our latest applications have been the [Stellar Voting Platform](#) which was used this year by the City Council of Munich to secure the voting results on the Stellar Ledger.

See [blueorion.cc/votehome](https://blueorion.cc/votehome)

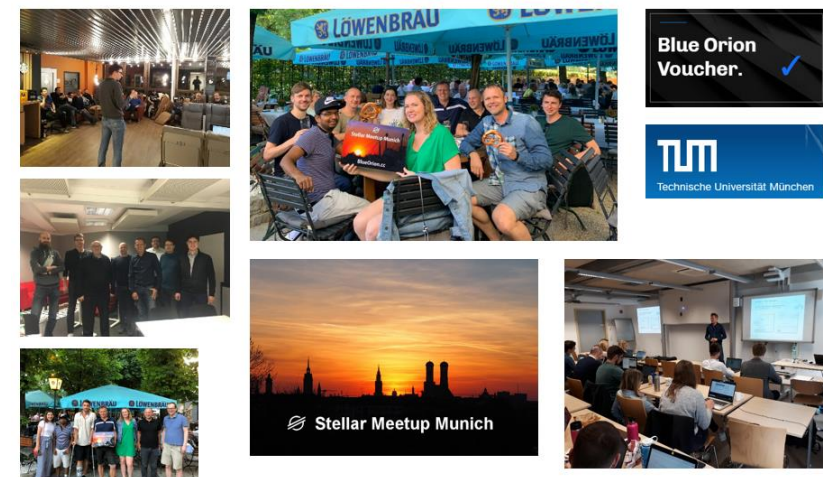
BlueOrion is also very active within the Stellar community and hosted several [Stellar Meetups](#) here in Germany/Munich and also performed [Stellar Workshops](#) at the University of Munich.

See [meetup.com/de-DE/Stellar-org-Munich-Meetup-Group/](https://meetup.com/de-DE/Stellar-org-Munich-Meetup-Group/)



ONLINE ELECTION SERVICES

Free **Voting Service**  
Secured on the **Stellar Blockchain**



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# SDK Development Experience

Soneso has successfully created two Stellar SDKs

- **IOS Stellar SDK** created in 2018 winning the Stellar Build Challenge  
See [github.com/Soneso/stellar-ios-mac-sdk](https://github.com/Soneso/stellar-ios-mac-sdk)
- **Flutter Stellar SDK** created in 2020  
See [github.com/Soneso/stellar\\_flutter\\_sdk](https://github.com/Soneso/stellar_flutter_sdk)

By creating already two SDKs we have gained experience on

- How to structure the code to be used best by developers
- Know about developer requirements
- Know the Stellar specific challenges regarding the core functions like XDR-parsing
- Know the SEP requirements and how to implement them
- We are in close touch with the Stellar Foundation
- We have maintained the SDKs over the last years successfully



**iOS Stellar SDK**

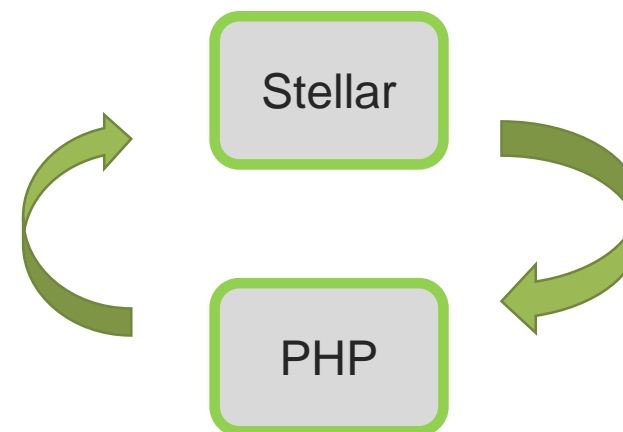


**Flutter Stellar SDK**

# Our Mission

“We want to enable all PHP developers to build Stellar applications as easy as possible”

- Create a [new open source SDK](#) which will be up to date with the newest Stellar Core Protocol Versions (currently version 17) and will implement several Stellar Ecosystem Proposals (SEPs).
- Be in touch with the [PHP community](#) and encourage the development of Stellar applications
- The [maintenance of the SDK](#) until end of 2022 is also included in the requested budget.
- For the [future maintance](#) of our new stellar php sdk, our goal is to receive support from the Stellar infrasctructure grand committee.



Stellar PHP SDK

# Roadmap

Along with all milestones we will be actively communicating with the Stellar and the PHP community to create awareness on the SDK and the possibilities by using Stellar as your blockchain of choice.

- **Okt 2021 – March 2022**  
Win Comunity Fund Budget,  
Implement Core Functionalty including SEP-029,  
SDK Promotion / Awareness
- **April – August 2022**  
Implementation of SEP-001, SEP-002, SEP-023, SEP-005, SEP-010, SEP-007, SEP-009, SEP-006, SEP-012, SEP-011,  
SDK Promotion / Awareness
- **Sept – Dec 2022**  
SDK Maintainance,  
SDK Promotion / Awareness





Stellar PHP SDK

# Summary

Based on our existing experience on SDK development and Stellar applications we are confident to create a structured and easy to use PHP SDK.

We are looking forward to start the project and enable the PHP community to build applications on Stellar.

Always feel welcome to get in touch with us and spread the news on our activities.

Chris & Hans

