**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
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
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

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/
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

- **Flutter Stellar SDK** created in 2020
  See 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
**Stellar PHP 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 **maintainance 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 infrastructure grand committee.
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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
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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