

Sophit Framework

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Sophit is a PHP framework that has been built by Key-Soft for easier and faster implementation of PHP projects. Sophit is built as a set of plug-ins around one smart framework, and as a result it re-uses the components and reduces the time and cost of development. This convenient framework was greatly appreciated by our clients. Basically all our projects that involve PHP web services run on Sophit saving the time of development and consequently the customer's budget.

Sophit intends for solving the most frequent and vital problems in web-developing. It consists of several extendable modules which could be easily tailored to fit any project's requirements.

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Template module

It allows processing data and logic separately. Templates describe the logic of distributing data across a page, so we can separate the data itself and how it is organized. This enables us to quickly change the layout of pages without looking into PHP code. This module is similar to Smarty template engine. Thus, we can switch visual representations for different clients, e.g. to have a site version for both HTTP and WAP.

Form module

Another feature of our framework is a Form module, which is essentially highly developed support for creating and processing web-forms. These forms simplify building HTML forms and checking the data input by the user on the client side and on the server side, the former aiming at client's convenience and the latter at increasing safety.

Database module

This module serves for making links to the Database (sending requests to databases).

DOM "Tidy" via Sophit

We use a "Tidy" utility to convert HTML texts to XML, and Document Object Model for parsing XML documents. (PHP DOMit class)



Picture 1. Inner part of Sophit

SOAP via Sophit

This Module is for working with SOAP protocol. Some web-services provide information through SOAP (Simple Object Access Protocol). We use a PHP SOAP Client to get access to these services. SOAP Client to get access to these services. Moreover, we provide access to our service through this protocol. (Using a PHP SOAP Server).

Additional Features

- Simple CMS
- Multi-language Support
- Centralized processing of erroneous situations
- Means for conducting logs
- Means for simplifying web-applications debugging

cURL via Sophit

Some web-services get use of different technologies for most security, namely users' logging in and sessions, HTTPS connections, etc. For simple access to these sites we use a cURL extension for PHP.

This extension allows making SSL connections, keeping sessions, sending requests (GET or POST methods), supporting transparency in redirecting and receiving responses.

Payment System via Sophit

Pay Pal and AuthorizeNET are the most popular systems that could be easily implemented via Sophit.

Featured Projects

Proeaccess

Professional eAccess Network is a small business automation project developed by our company. This site provides a service for access to different web-services. We realize access to each web-service through Gateways. The gateway can connect to a web-service host, log in (if necessary), keep a session, send requests and receive responses. Also, the gateway analyses the service response and stores it into our database.

All this work and much more was done by Sophit.



www.proeaccess.com



Hilton Head site

The site was designed by Key-Soft.Ltd as a service site for vacation rentals.

The main feature of the site is an interactive map using up-to-date flash technologies. The integration of Flash into PHP was developed via Sophit.

www.hiltonhead360.com

PDG

This is a dating site but before you meet your destiny it offers a game to play together to know more about each other. Flash games are integrated into PHP site via Sophit.



www.playthedatinggame.com

Developer group

Sophit is a huge project that requires deep technical knowledge in different fields of development. That's why there was a group of professionals selected, who worked painstakingly to perfect the framework. They are:

Burlakov Alexey, Klementyev Ivan, Korneev Vadim , Krestyanova Eugenia, Kupershtokh Alexey, Makarenko Valery, Moskalev Vjacheslav, Prohorov Timofey, Rakov Denis, Sergeev Vasiliy, Yarkova Polina.