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YII AS A MODERN APPLICATION FRAMEWORK

Informational technologies are constantly developing. Every year there appear new features and technologies. Web is being developed especially rapidly. It is there that terabytes of information are saved to be processed and given to the user. Many efforts are focused on convenience and speed of development of information solutions to these established frameworks.

Yii is a high performance, component-based PHP framework for rapidly developing modern Web applications. The name Yii (pronounced Yee or [ji:]) means "simple and evolutionary" in Chinese. It can also be considered as an acronym for Yes It Is![1]

Yii is a generic Web programming framework, meaning that it can be used for development of all kinds of Web applications using PHP. Because of its component-based architecture and sophisticated caching support, it is especially suitable for development of large-scale applications such as portals, forums, content management systems (CMS), e-commerce projects, RESTful Web services, and so on[1].

Being familiar with other frameworks, one can compare them with Yii:

- Like most PHP frameworks, Yii implements the MVC (Model-View-Controller) architectural pattern and promotes code organization based on that pattern;
- Yii follows the philosophy that code should be written in a simple though elegant way. Yii will never try to over-design things mainly for the purpose of strictly following some design pattern;
- Yii is a full-stack framework including many proven and ready-to-use features: query builders and ActiveRecord for both relational and NoSQL databases; RESTful API development support; multi-tier caching support etc;
- Yii is extremely extensible. One can customize or replace nearly every piece of the core's code. One can also take advantage of Yii's solid extension architecture to use or develop redistributable extensions;
- High performance is always a primary goal of Yii.

Yii is not a one-man show, it is backed up by a strong core developer team, as well as a large community of professionals constantly contributing to Yii's development. The Yii developer team keeps a close eye on the latest Web development trends and on the best practices and features found in other

frameworks and projects. The most relevant best practices and features found elsewhere are regularly incorporated into the core framework and exposed via simple and elegant interfaces.

Yii 2.0 requires PHP 5.4.0 or above. You can find more detailed requirements for individual features by running the requirement checker included in every Yii release.

So, it can be said that Yii performs an extensive list of appointments. It helps to shorten the development time of bringing the huge code base.

LITERATURE

1. Yii PHP Framework: Best for Web 2.0 Development [Электронный ресурс] – Режим доступа: URL : <http://www.yiiframework.com/> Title from the screen.
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3. Alexander Makarov. Yii Application Development Cookbook, 2nd Edition / Alexander Makarov. – eBook, 2013. – 408 с.