Benefits of Developing Web Applications Using Grails by Cygnet Infotech Pvt. Ltd.

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Grails is considered one of the largest open source web programming languages in Java used today for Web Application Development. It leverages Groovy (a dynamic language that runs on Java platform) and works on Java's Virtual Machine also known as JVM. It is an advanced technology which provides web developers with unparalleled speed and robustness in developing web applications.

Grails curtails the long hours of writing code with traditional Java Programming language into much smaller times. This offers better productivity and speed in the development of web applications. Moreover, it has a General Purpose Web Development framework which is integrated with powerful Object Relational Modeling technology (ORM). This integration forms GORM which allows developers to easily create domain objects and attach them with relational database of choice without the need of SQL.

Below are the benefits of using Grails technology in developing web applications

â€¢ Easy to use and apply in web application development

â€¢ More communicative and concise compared to other Java languages

â€¢ The fewer lines of code and standard structure of Grails facilitates easy maintenance of applications and projects

â€¢ It works on the principle of Donâ€™t Repeat Yourself (DRY) which accommodates and refreshes itself after every change thus there is no need to restart the web container post change

â€¢ The Convention over Configuration principle set up by Grails allows to be more productive in less time

â€¢ Provides utilities for testing which can work with any testing framework.

â€¢ Also allows reusing the code among different Grails applications by restructuring the current application in the form of plug-ins

â€¢ Incorporates hundreds of plug-ins which make the development work more interesting

Besides this, Grails with the support of Groovy offers more comfortable platform to developers. Another advantage is that it integrates seamlessly with all the Java classes and libraries. Moreover, it compiles directly to Java byte-code, thus can be used at every places where Java is used. Therefore, it is the most favorable option for all the organizations using Java technologies. By adopting Grails for web application development, J2EE users can gain enormous advantages of agile development methodologies also.

All the above benefits make Grails a popular choice for developing web applications.

When the competition is fierce, customers are impatient and the cost of missed opportunities are high, it is worth considering Grails technology and taking a look at its benefits for developing web applications. It will certainly expand horizons of organizationsâ€™ opportunities.

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Cygnet Infotech Pvt. Ltd. - About Author:
a Cygnet Infotech offers customized web development solutions on Groovy Grails. It has huge expertise in developing applications on Grails and related technologies which result in high performance, secure and highly scalable applications as per clientâ€™s specifications and needs.

Besides this, Cygnet is also proficient in other a Java technologies and languages such as Spring, Struts, Hibernate, SP/Servlets, Java Beans (EJB), AWT/Swing and others.

For customized Groovy and Grails web application development, contact us at inquiry@cygnet-infotech.com

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