

1: Smarty PHP Template Programming and Applications - pdf - Free IT eBooks Download

Smarty is a templating engine for PHP. Designers who are used to working with HTML files can work with Smarty templates, which are HTML files with simple tags while programmers work with the underlying PHP code. The Smarty engine brings the code and templates together. The result of all this is that.

The Smarty design was largely driven by these goals: This implies that PHP code is application logic, and is separated from the presentation. Two camps of thought When it comes to templating in PHP, there are basically two camps of thought. The first camp exclaims that "PHP is a template engine". Although this approach is fast from a pure script-execution point-of-view, many would argue that the PHP syntax is messy and difficult to maintain when mixed with presentation. PHP works well for programming, but not so well for templating. The second camp exclaims that presentation should be void of all programming code, and instead use simple tags to indicate where application content is revealed. This approach is common with other template engines and other programming languages , and is the approach that Smarty takes. The idea is to keep the templates focused squarely on presentation, void of application code, and with as little overhead as possible. Why is separating PHP from templates important? There are many benefits of separating PHP code from templates, some of which are: Templates typically consist of semantic markup such as HTML. Smarty focuses your templates on presentation and less on "code". This lends to quicker template deployment and easier maintenance. Smarty syntax requires no working knowledge of PHP, and is intuitive for programmers and non-programmers alike. The template engine has many features for presentation that would otherwise need to be developed, tested and maintained in your own application code. Tags also mask the complexity of PHP statements. When PHP is mixed with templates, there are no restrictions on what type of logic can be injected into a template. Smarty insulates the templates from PHP, creating a controlled separation of presentation from business logic. Smarty also has security features that can further enforce granular restrictions on templates. Since Smarty templates are language-agnostic, they can easily be compiled to other languages such as javascript with a different compiler, and the familiar syntax can also be ported to other programming languages. Web designers and PHP A common question: Templates also restrict what can be put in a template. You could teach designers the rules of application design, but this should be unnecessary now they are developers! The PHP manual is intended for developers. Smarty gives web designers exactly the tools they need, and gives developers fine-grained control over these tools. Numerous features are also available for presentation such as template inheritance, which maximizes template re-use and streamlines organization. Implementation is Important Although Smarty gives you the tools to make a clean separation of presentation from application code, it also gives you plenty of room to bend those rules. A poor implementation i. The documentation does a good job of indicating what things to watch out for. Also see the Best Practices section. What does Smarty look like, and how do I use it? How does it work? Under the hood, Smarty compiles copies of the templates as PHP scripts. This way you get the benefits of both template tag syntax and the speed of PHP. Compilation happens once when each template is first invoked, and then the compiled versions are used from that point forward. Smarty takes care of this for you, so the template designer just edits the Smarty templates and never has to manage the compiled versions. This approach keeps the templates easy to maintain, and yet keeps execution times extremely fast. Before template inheritance, we managed our templates in pieces such as header and footer templates. With template inheritance, instead of including other templates we maintain our templates as single pages. We can then manipulate blocks of content within by inheriting them. This makes templates intuitive, efficient and easy to manage. See Template Inheritance for more info. There are a couple of good reasons. It is perfect for computers, but horrible for humans. Smarty is about being easy to read, understand and maintain. Template Security Although Smarty insulates you from PHP, you still have the option to use it in certain ways if you wish. Template security forces the restriction of PHP and select Smarty functions. For instance, Python has template engines built around the same principles such as Django Templates and CheetahTemplate. Languages such as Python do not mix with HTML natively, which give them the advantage of proper programming code separation from the outset. What Smarty is Not Smarty is not

an application development framework. Smarty is not an MVC. Smarty is a template engine, and works as the V view component of your application. Smarty can easily be coupled to any of the engines listed above as the view component. No different than any other software, Smarty has a learning curve. Smarty does not guarantee good application design or proper separation of presentation, this still needs to be addressed by a competent developer and web designer. Is Smarty Right for Me? Smarty is not meant to be a tool for every job. The important thing is to identify if Smarty fits your needs. There are some important questions to ask yourself: Are your web designers comfortable with PHP? Would your web designers prefer a tag-based syntax designed for presentation? Some experience working with both Smarty and PHP helps answer these questions. Is there a requirement to insulate the templates from PHP? Do you have untrusted parties editing templates that you do not wish to unleash the power of PHP to? Do you need to programmatically control what is and is not available within the templates? Smarty supplies these capabilities by design. Does the codebase or framework you plan on using have the features you need for the presentation component? See also the section about use cases and work flow on the Smarty website. Sites using Smarty There are tens of thousands of unique visitors on the Smarty website daily, mostly developers reading documentation. Summary Whether you are using Smarty for a small website or massive enterprise solution, it can accommodate your needs. There are numerous features that make Smarty a great choice:

2: Smarty PHP Template Programming and Applications [Book]

Stay ahead with the world's most comprehensive technology and business learning platform. With Safari, you learn the way you learn best. Get unlimited access to videos, live online training, learning paths, books, tutorials, and more.

Introduction to Smarty Chapter 2: Smarty Site Architecture Chapter 3: What Designers Need to Know Chapter 4: Creating a Template Chapter 5: Advanced Templating Chapter 6: Smarty Functions Chapter 7: Debugging for Designers Chapter 8: Built-in Smarty Variables and Methods Chapter 9: Caching and Performance Chapter 10: Extending Smarty with Plug-ins Chapter 11: Example Plug-in: Benchmark Information Chapter 12: Filter 3: Compress Output with gzip Chapter 13: Filter 4: Internationalization Chapter 14: Translation Infrastructure: He is a Zend-certified Engineer and expert in developing localized applications. He is currently working as a Technical Director in Trippert Labs and managing the local branch in Bangladesh. Beside his full time job, Hasin writes his blog at <http://www.hasin.com>. Hasin lives in Bangladesh with his wife Ayesha and his son, Afif. Before Interoute, he was working as a senior network engineer for Globtel Internet, a significant Internet and Telephony Services Provider to the Romanian market. He has been working with Linux for more than 8 years putting a strong accent on security for protecting vital data from hackers and ensuring good quality services for internet customers. Moving to VoIP services he had to focus even more on security as sensitive billing data is most often stored on servers with public IP addresses. He has been studying QoS implementations on Linux to build different types of services for IP customers and also to deliver good quality for them and for VoIP over the public internet.

3: All About Smarty | Smarty

No need to hide it, "Smarty PHP Template Programming and Application" is an excellent book! Whether you are graphic designer or developer, this book is for you, thanks to a clear separation of the needs.

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Despite Smarty was first released in , "Smarty, PHP Template Programming and Applications" is the first book that I have found dedicated exclusively to Smarty. This book was written having in mind two types of audience: the Web page designers and the Web application programmers.

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9: Smarty (template engine) - Wikipedia

Goodreads is the world's largest site smarty php template programming and applications readers with over 50 million reviews. Beside his full time job, Hasin writes his blog at <http://> He is a Zend-certified Engineer and expert smarty php template programming and applications developing localized applications.

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