

V. A. Lahvinets
(*Fr. Skorina GSU, Gomel*)

DEPLOY HOOKS ON VERCEL

Описывается процесс создания Deploy Hooks для проекта, рассматриваются меры безопасности при использовании Deploy Hooks. Благодаря этому механизму, разработчики могут интегрировать развертывание на платформе Vercel с другими системами, такими как Headless CMS или сторонними сервисами CRON Job для автоматического запуска повторного развертывания веб-приложений.

Deploy Hooks on Vercel platform allow you to create URLs that accept HTTP POST requests in order to trigger deployments and re-run the Build Step of already deployed project. These URLs are uniquely linked to your project, repository, and branch, so there is no need to use any authentication mechanism or provide any payload to the POST request [1].

This feature allows you to integrate Vercel deployments with other systems. For example, you can set up automatic deployments on content changes from a Headless CMS, scheduled deployments by configuring third-party cron job services to trigger the Deploy Hook or forced deployments from the command line or your API.

To create a Deploy Hook for your project, make sure your project is connected to a Git repository. Once your project is connected, navigate to its Settings page and then select the Git menu item. In the "Deploy Hooks" section, choose a name for your Deploy Hook and select the branch that will be deployed when the generated URL is requested. After submitting the form, you will see a URL that you can copy and use.

When you create a Deploy Hook, a unique identifier is generated in the URL. This allows anyone with the URL to deploy your project, so treat it with the same security as you would any other token or password. If you believe your Deploy Hook URL has been compromised, you can revoke it and create a new one.

Builds triggered by a Deploy Hook are automatically provided with an appropriate Build Cache by default, if it exists. Caching helps speed up the Build Step. However, if you explicitly want to opt out of using a Build Cache, you can disable it by appending "?buildCache=false" to the Deploy Hook URL.

Triggering a Deploy Hook will not rebuild an existing deployment. Instead, it will create a new deployment using the latest source code available on the specified branch. If you send multiple requests to deploy the same version of your project, previous deployments for the same Deploy Hook will be canceled to reduce build times [2].

Literature

1 Creating & Triggering Deploy Hooks [Electronic resource]. – Access mode: <https://vercel.com/docs/deployments/deploy-hooks>. – Access date: 10.03.2024.

2 Mittal, Pooja & Narang, Poonam. (2023). Performance assessment and analysis of development and operations based automation tools for source code management. *International Journal of Electrical and Computer Engineer-ing (IJECE)*. 13. 1817. doi: 10.11591/ijece.v13i2.pp1817-1826.

S. C. Sahabandu

(Yanka Kupala State University of Grodno, Belarus)

DEVELOPMENT OF AN INTERNET-RESOURE DEDICATED TO THE SECOND WORLD WAR

Представлена разработка веб-ресурса, который представляет собой цифровой мемориал памяти о военнопленных периода Великой Отечественной войны, узниках лагерей и всех тех, кто пострадал от нацистского террора. Веб-ресурс расположен по адресу <https://memory.grsu.by>, позволяет найти информацию о захоронениях, отобразить карту лагерей в период войны и получить другие архивные сведения. Разработка выполнена на базе системы управления контентом Joomla! с использованием технологий HTML/CSS/JavaScript, AJAX, jQuery, Bootstrap для реализации клиентской части веб-ресурса.

This academic paper examines the development of a Web Application about the Great Patriotic War specifically related to Belarus and Belarusians who served in the Red Army, with a main focus on War Veterans, Incidents, Monuments from the Grodno Region.