**Social media 4**

**Why the World Needs CI/CD**

**URL:** [**https://dzone.com/articles/why-the-world-needs-cicd**](https://dzone.com/articles/why-the-world-needs-cicd)

**Description:** Here, CI and CD stands for Continuous Integration and Continuous Delivery. Continuous integration is a practice which is used by the development team. They continuous integrate the code into the common room which is shared by whole team. So that, everyone gets the update and check the code. Another one is continuous delivery, which is an approach of the software engineering and it releases the software in short time period and make sure that ready the product in given time period so we can release it at any time.

**World with CI/CD:**

* **Faster delivery:** Now a days everyone wants faster delivery as everyone wants something new and quick innovation. Also due to automation many tasks are become faster and so that customer can get faster delivery and give appropriate feedback on it, according to which developer can make small changes in the software.
* **Increased visibility:** Due to CI/CD bugs and errors are easily identified and it is done by whom is caught easily which eliminates the blame game in the team. Hence, bugs or errors are easily, and quickly resolved and valuable time is saved. So, whole the process of testing and deploying is make very clear and transparent.
* **Eliminated errors:** Modern software are not simple, so it is but obvious thing that there are some errors present in it. According to CI’s principle, it works based on run the code frequently and software delivery is checked and tested automatically. So that errors can be easily caught and resolve. So, developer get high quality code and customer get high facilitated and bug-free product.
* **Freed resources:** There are some task which are frequently repeated and predictable. So, due to automation machine can handled this type of task very easily, which saves a lot of time of developer. In this time developer can do whatever they like to do also develop the new features.
* **Happier end users:** Obviously, faster, and frequent deliveries with very few errors gives a lot of happiness to the user and it increase the trust between supplier and customer.

**World without CI/CD:**

* **Slow deliveries:** In the world of automation, if one can use the manual task then it is but obvious it is the worst case. So that it results into slower process and at the end slow deliveries which is like lose the competition.
* **Lack of visibility:** Without CI/CD team is not able to find out the source and place of the error. So that there are chance of a blame game which is not good and result in poor visibility.
* **Errors and upset users:** Definitely, without automation there are bunch of errors and it is found at the end of the development. So, it is very difficult to figure it out. Client is not satisfied with this type of product and he/she blames the entire project team which results into lack of collaboration of the organization.

**Recommendation:** Definitely, I would recommend this article, as this shows the how much CI/CD is important in any project. To make the project successful and make a strong relationship with the customer as well as fast deliveries, enhance the visibility then CI/CD is very important.