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THINGS TO DO IF YOUR COLDFUSION
DEVELOPER
GETS HIT BY A BUS OR QUILTS THEIR JOB



These ColdFusion project problems probably sound familiar if you have a long term maintenance project. Or if your developer quits suddenly or even got hit by a bus, then they will become apparent real soon.

- You're responsible for a revenue-generating application that you don't trust 100%.
- You have no contingency plan for a sudden developer departure or a server outage.
- Implementing new features is a painful, ad-hoc process.
- Your existing supplier provides slow or best-availability turnaround, even for simple requests.
- Every time a new freelancer works on the site, something breaks.
- Application availability (and reliability) is poor.
- You'd like to consider other options but you don't have a transition plan.

Of course, these issues lead to more problems in your company:

- extra stress
- inefficiency
- higher cost
- reduced project velocity
- less innovation

Don't worry!

Use this checklist to make sure you have integrated (or you are planning to integrate) these simple tools into your team's workflow.

- ❑ **1 - A Version Control System**
 - Plays an essential role in storing and tracking changes to your codebase. Eg [Git https://git-scm.com/](https://git-scm.com/)
 - A key component of a consistent, trouble-free development, testing and production hosting environment.
- ❑ **2 - A Consistent Server Architecture Across Development, Testing, and Live**
 - If you don't already have a consistent development, test and production environment, then you'll always be fighting an uphill battle.
 - If you want to remove inefficiencies and decrease your cost and performance, you need to have a systemized deployment workflow.
- ❑ **3 - Portable Development Environment Baked into Your Codebase**
 - Utilize the tools that either uses application-level or operating system-level virtualization to build a standardized environment complete with the correct operating system, isolated file system, standard libraries, and any other dependencies you want to be available for developers. Eg [Vagrant. https://www.vagrantup.com/](https://www.vagrantup.com/)
- ❑ **4 - Provisioning Tools For All Environments**
 - Scripted provisioning is often a *very large* step towards reducing the cost and risk of (re) building new servers.
- ❑ **5 - A Mature Test Environment**
 - The lack of a useful test environment can create chaos during the run-up to deploying new code.
 - The benefit of using a portable development environment is it becomes much easier to reuse the development environment configuration when creating a test environment.
- ❑ **6 - A Flexible and Scriptable Production Hosting Platform**
 - Using a more dynamic hosting environment can help you respond more quickly to changing application usage.
- ❑ **7 - A Continuous Integration (CI) System**
 - A CI system brings all the parts of your development workflow together.
- ❑ **8 - A Ticketing System**
 - A good ticketing system allows you to track customer and internal development issues with just the right amount of metadata to help prioritize and filter the detail.
- ❑ **9 - Documentation**
 - Use documentation to reduce the cost of developing and maintaining your web applications.
- ❑ **10 - Monitoring and Profiling Tools**
 - Here, you would do well to consider utilizing a professional monitoring stack.

We are looking forward to helping you with your ColdFusion project, and make it working perfectly, without causing you any problems. Our process is simple, there's no obligation to move forward unless it makes sense for you, and everything is completely transparent.

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