



# Transform Your Development Experience





# Introduction

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Why the Cloud?

Get Organized

Collaborate

Auto Provisioning

Development

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Get Started

Want to easily develop your apps in a fully provisioned environment that helps you code, test, deploy, and then manage them in the cloud? Then start today, by using Oracle Developer Cloud Service.

## Effortless Project Management

While taking your projects from units of code to beta tests, and then finally to release-ready products, wouldn't you like to easily adjust your team membership and track project details? If you use Oracle Developer Cloud Service, you can set up any number of projects and flexibly change the sizes of the teams or their assigned roles, or track builds, commits, bug trends, and so on. Oracle Developer Cloud Service makes all of this quick and simple.

## Teamwork Through Integrated Tools

Anything your teams have to do – builds, code reviews, code merges, wiki creation, or team tasks – they can do efficiently using the standards-based tools that are part of Oracle Developer Cloud Service.

## What You Need, *Before You Need It*

You don't have to spend your time and money trying to equip your development environment because Oracle Developer Cloud Service does it for you, automatically. When you create your project, your technology sphere then contains a task database, source code management, revision control, and continuous integration and deployment using Git repositories and Maven and Hudson environments.

## From Just an Idea, to Product Release

Your project ideas elevate from just notes to product-ready apps because Oracle Developer Cloud Service has a technically bountiful infrastructure in a secure environment, one that awaits just a few keystrokes to manage your projects, large or small.



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# Why Develop in the Cloud?

Advance your development and ability to release your products flexibly yet securely, quickly but confidently, and at a lower cost because the latest tools and infrastructure are waiting for you in the cloud. A recent survey showed that more than half of all software producers are using the cloud for their development and deployment (*The 2014 Cloud Platform Research Report*, DZone).

It's not hard to see why. You save the time and expense involved in setting up an on-premises environment that has the required infrastructure and tools.

At the touch of a button, you have a fully provisioned development platform and infrastructure provided by Oracle Developer Cloud Service. No matter how many development teams you have or how scattered they might be, they can instantly access your development environment in the cloud, as if they were all in the same room.

Within a robust and secure platform, your teams use the best industry-standard tools as part of a reliable and integrated infrastructure provided by Oracle Developer Cloud Service. This is all there for you for the life of your entire development process.

Oracle Developer Cloud Service smoothly and invisibly integrates your development environment with the latest versions of other services in Oracle Cloud, such as Oracle Java Cloud Service and Oracle Database Cloud Service.





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# Get Organized

Your development teams often work on several products at a time under, shall we say, *demanding* deadline pressure. While the release dates for these products are closing in, your teams have to develop, maintain, and test code in parallel branches for a variety of product versions. What could go wrong?

If only someday you could organize, manage, and track key information about all your development teams and their projects in an automated fashion, using an easy-to-use interface. The looming deadline might not seem so alarming, the pressure might lessen. Well, someday is *now*. Oracle Developer Cloud Service gives you all the tools that you need to set up, analyze, and administer one or many projects, large or small, where you can tailor your team's assignments, add or remove team members, change their roles, and so on.

Suppose you've got a complex product where your teams have to maintain multiple code branches, in parallel, for several versions. In addition, you want

to separately track the work of each code branch as well as view it as a whole while you progress toward a finished product.

Oracle Developer Cloud Service reduces this complexity, and thus the risk of failure. Your teams can review dashboards to track and analyze many metrics for each project, including build status, commit statistics, and task trends. As metrics change, your teams can stay informed of the latest information. It's this timely feedback that helps your team produce a superior product, on time.





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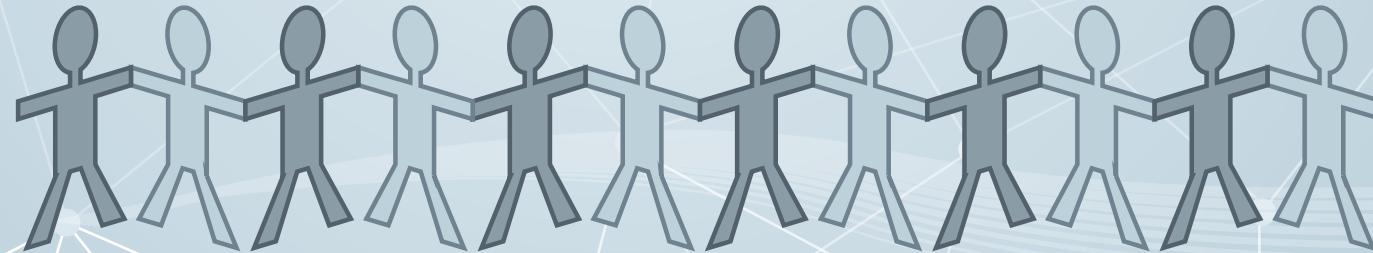
# Collaborate

Teamwork is essential for any development project. The bigger and more complex the projects, the more crucial effective collaboration is to their success.

A key collaboration element is sharing project information among the members of your team. Maximize your team's communication efficiency and agility by using the wikis provided by Oracle Developer Cloud Service. Before they've written even their first line of code, team members can create and share functional specifications, get-started data, and process-and-procedure documents. Use the wikis' hierarchical structure to conveniently organize and manage all project information.

The heart of the development process is code. Your team members can coordinate all facets of their daily coding, such as browsing source files and checking commit histories.

Merge selected code branches in the repositories, set up code reviews, designate team members who can approve any code changes, and send email notifications automatically to all reviewers. Use the dashboards to show your entire team the results of all the review activities.





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# Automatic Provisioning

Fledgling startups hurry to get their hardware and software infrastructure up and running to start building a product. Established companies with diverse development teams that are often using incompatible development environments, suddenly have to combine teams to collaborate on one project.

How can you avoid these and other hurdles so your teams can get to work quickly and effectively? Use Oracle Developer Cloud Service. This decision affords your teams the benefits of a software development environment that is automatically provisioned with the latest industry-standard tools and infrastructure. Let's describe just a few of those benefits.

## Git Repositories

Just a click of a button, and you create a project in Oracle Developer Cloud Service, and at the same time, Git repositories are immediately available to you, provisioned to provide a source code control system that easily integrates with existing repositories.

## Hudson Continuous Integration

Realize real-time verification of your product's progress and quality by using the Hudson server to schedule automatic builds, tests, and deployments throughout your development cycle.

## Apache Maven and Ant

Using Maven or Ant, confidently specify your team's builds and manage build dependencies. You can achieve sustained and critical build-process conformity and stability, regardless of the size or complexity of your teams or projects.

## Templates

There is never enough time during development. But, the templates in Oracle Developer Cloud Service reduce your development timeline because they come prepopulated with code and documentation. These templates get your teams off to an agile and fast start.



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# Development Life Cycle

Move positively from a mirage of a product idea, to the seeds of your initial code, and then finally to a flourishing, finished product released to your customers. How? Use Oracle Developer Cloud Service to create and administer the configurations for your code repositories, continuous integration, testing, building, and deployment for all stages of your development.

## Integrate

Pull and push code from your on-premises IDE (Eclipse, Oracle JDeveloper, NetBeans) to the hosted Git repositories in the cloud.

## Test

Use the JUnit framework for routine, automatic code testing. Because test results are posted automatically, you can promptly adjust your build schedule to investigate any failures.

## Deploy

Configure your project to deploy successful builds automatically to an Oracle Java Cloud Service or on-premise environment for testing or production.

## Build

Customize your automatic builds by determining their frequency and their response to test and build failures.



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# Integration with Other Services

Oracle Developer Cloud Service liberates your development from what can be a static, expensive on-premises infrastructure and tool set to the varied, flexible, and innovative environment in Oracle Cloud. Imagine what you can accomplish if you use Oracle Developer Cloud Service integrated with other superior Oracle cloud services.

## Oracle Java Cloud Service

After you develop your application in Oracle Developer Cloud Service, use its interface to deploy your apps to the standards-based environment of Oracle Java Cloud Service. Built around Oracle WebLogic Server, Oracle Java Cloud Service provides an easy setup for either a test or production environment.

## Oracle Application Cloud Services

Oracle Cloud offers a comprehensive suite of integrated, best-in-class application services, including Sales and Marketing, Customer Service and Support, Human Capital Management, Talent Management, Enterprise Resource Planning, Planning and Budgeting and Financial Planning. Oracle Developer Cloud Service is the perfect environment to develop, build, and deploy extensions and customizations to your Oracle Application Cloud Services. Leverage project templates available from these services to get a jump start on developing your custom applications.

## Oracle Database Cloud Service

Deploy to Oracle Java Cloud Service and perform a simple, fast setup and provisioning. Almost instantly, your apps have access to all the benefits and features of an industry-leading Oracle database through Oracle Database Cloud Service.

## Diverse Cloud Advantages

It's an extensive menu of world-class services that leads to rapid advancement of your software development. Why be constrained by the technical limitations and costs of on-premises tools and infrastructure? When you develop using Oracle Developer Cloud Service, your apps, and your company, benefit from the diverse, exceptional services hosted in Oracle Cloud.



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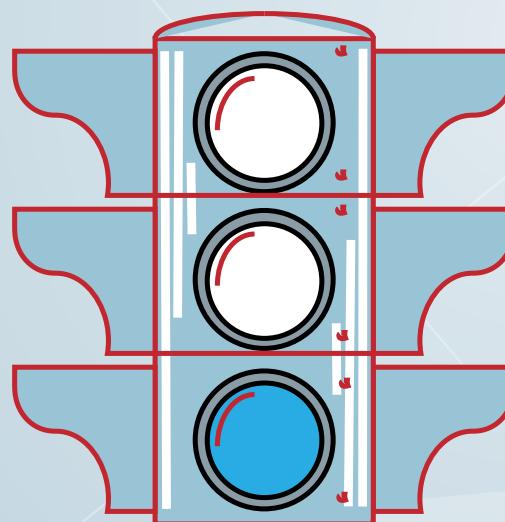
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## Subscribe

Oracle Developer Cloud Service is included with subscriptions for other Oracle Platform Cloud Services. For information about subscribing, see [Trial and Paid Subscriptions for Oracle Cloud Services](#) and visit the Oracle Cloud website at [cloud.oracle.com](#).



## Watch Videos

- [What is Oracle Developer Cloud Service?](#)
- [Understand the Oracle Developer Cloud Service Web User Interface](#)
- [Create a project in Oracle Developer Cloud Service](#)
- [Manage tasks using Oracle Enterprise Pack for Eclipse](#)
- [Perform code reviews in Oracle Developer Cloud Service](#)

## Attend Oracle Cloud Events

See [events.oracle.com](#) and [blogs.oracle.com/cloud](#) for information about Oracle Cloud events.

## Join the Community

- Oracle Cloud Community: [cloud.oracle.com](#)
- [Oracle Developer Cloud Service](#)
- [Oracle Cloud Computing Group](#)

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