



Devonfw, your framework for JEE solution development

An exceptional foundation for cloud-based success

Devonfw, built by Capgemini using open-source components, is a complete Java Enterprise Edition business application-development framework. It combines a rich and highly automated toolchain, standardized architecture blueprints, and industry-proven best practices, patterns, code conventions, and libraries.

Devonfw was designed to operate seamlessly with the Red Hat® OpenShift® containerized application-development platform, marrying Capgemini's software best-practices with powerful, flexible Red Hat® technology. Using devonfw, organizations can create multi-device and multi-platform services in the cloud or on existing IT infrastructures more quickly and dependably.

So, what does all that mean to you?

Devonfw enables you to adopt cloud-native development best practices and tools rapidly and in a single package. Capgemini ensures its elements are aligned and coordinated with the Red Hat® OpenShift® offering, the

Java offering, and with all other technologies included. All users also receive Capgemini support in the form of new stable releases every three months, as well as continuous security fixes.

Productivity: Use the wheels we already have

Developers typically solve common problems over and over; devonfw starts with these issues already solved. It is a repository of Capgemini's very extensive knowledge and expertise in application development, coupled with a pattern-based development platform that addresses the challenges of reusability, code generation, and automation.

Users can create proofs of concept and prototypes in days by focusing on business functionality rather than technology. Overall implementation efforts are cut by up to 25 percent.



With devonfw, you can make in days what usually takes weeks"

Manuel Esteve Esteve,
Capgemini Spain, COE solutions

Impact: Built for security

Devonfw incorporates the latest security standards and fully addresses the OWASP Top 10 list of critical security risks. That means users automatically minimize risks to their Web applications.



Go cloud native.

With devonfw, you can set-up an entire development environment on-premises or in a private cloud within a day.



Flexibility: Any tool, any environment

The framework creates solutions compatible with Service-Oriented Architectures, which eases integration with other systems. It is also DevOps and Agile ready; compatible with any tools or hardware, either open-source or vendor-specific; and apps developed with devonfw will run anywhere in the cloud.

Growth: Business and employee opportunities

A ready-made framework and a defined technology stack reduce the demands on the IT department, making it easier for junior developers to create functional, business-focused products.

Better together: devonfw and Red Hat

Red Hat® is the premiere open-source enterprise software company, and devonfw is designated OpenShift® Primed by Red Hat®. Being Primed means the company recognizes

devonfw works flawlessly and is kept up to date with its OpenShift® platform.

Devonfw opens your world to these open-source initiatives:

Spring | AngularJs | Hibernate
EHCACHE | Jaxb | JSR303 | Jenkins
Flyway | Maven | Eclipse | Logback
Apache Commons | Woodstox | Grunt
Karma | Bower

Devonfw is built on three accelerators

Generator: The incremental generator provides ready-to-use templates for CRUD (create, read, update, and delete) operations, dialogs, and test data, and integrates with the IDE.

IDE: A preconfigured environment that reduces start-up time and enforces standards.

Continuous Integration: This provides the basis for DevOps and cloud work and incorporates a preconfigured Jenkins automation server.



I realized that devonfw fully delivers on its promises when I saw a team of relative newcomers get up to speed and be productive in a breathtakingly short time"

Iwan Van der Kleijn,
Capgemini Spain, iCSD
core team

How can I get devonfw?

devonfw is licensed under the Apache License (version2) and Therefore fully Open Source and completely free to use.

You can get it from various sources, either from <http://github.com/devonfw/> or from the devonfw Portal: <https://devonfw.com>

About Capgemini

A global leader in consulting, technology services and digital transformation, Capgemini is at the forefront of innovation to address the entire breadth of clients' opportunities in the evolving world of cloud, digital and platforms. Building on its strong 50-year heritage and deep industry-specific expertise, Capgemini enables organizations to realize their business ambitions through an array of services from strategy to operations. Capgemini is driven by the conviction that the business value of technology comes from and through people. It is a multicultural company of over 200,000 team members in more than 40 countries. The Group reported 2018 global revenues of EUR 13.2 billion.

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