

PAYARA MICRO



A New Way Of Running Java EE Applications

Taking GlassFish Embedded technologies to the next level, Payara Micro is the Open Source platform of choice for containerised Java EE application deployments. With no need for code re-writes or re-architecting, Payara Micro is a lightweight middleware platform for optimised application performance.

And with no installation or configuration, you can begin deploying applications immediately.

Microservices

Microservices provide a building-block approach to continuous deployment, easing the process of updating application components. These independent processes are connected to create complex applications for virtually any task, using language-agnostic APIs for flexible communication and loose coupling of services.

Java Microservices are often packaged with their own lightweight application server – which is where Payara Micro can help.

For microservices built using Java EE, Payara Micro offers a tiny footprint, allowing you to deploy microservices whenever and wherever required. Choosing Payara Micro gives you the opportunity to develop innovative solutions to pressing business problems using tried-and-tested APIs and minimal system overhead.

Enterprise-grade technology, superb performance

At just <70MB in size, Payara Micro is an incredibly lightweight Java application server delivering enterprise-grade reliability, scalability and fault tolerance. You have everything you need to build and deploy a fully working app within minutes.

Payara Micro is also fully Cloud ready, allowing your applications to leverage unlimited processing and storage. Innovative design makes Payara Micro the ideal choice for the emerging microservices industry. Your developers can package Java EE apps for containerised deployment according to the latest Cloud technology developments.

The Payara Team works hard to ensure that Payara Micro keeps pace with the latest development trends. So you can deploy your Java EE apps wherever you want, however you need.

- Deploy .war applications and services directly from the command line.
- Complete support for clustering and failover of micro services.
- Tiny footprint (<70MB) allows for higher density deployments and hyper-efficient use of virtualised resources.
- Containerised approach ensures maximum performance and reduced risk of application interference.
- Fully scalable infrastructure using clustering.
- Support for a range of apps and frameworks to further customise Payara Micro to your needs.

Rock solid enterprise performance

Built on the GlassFish Embedded core, Payara Micro offers an extensible platform for your future containerised application development:

- Hazelcast integration for automatic clustering of Payara Micro instances.
- Full 24x7x365 support, with screen-sharing, for your production Payara Micro servers.
- Quarterly Payara Micro product releases keep your systems fully updated.
- Monthly patches and hot fix release cycle to keep instances secure.
- Fully open source product allows you to extend and amend source code for your business needs.
- Payara Micro product development is driven by customer feedback to deliver the product you really need.

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Payara Micro with Hazelcast

Using the Hazelcast integration each Payara Micro process will automatically cluster with other Payara Micro processes on the network, giving web session resilience and a fully distributed data cache using Payara's JCache support.

Resources

For more Payara Micro resources visit http://www.payara.fish/payara_micro

For more help and advice about Payara Micro and how to use it with your own .war applications, please contact [Payara support](#).

For a full installation and build instructions see the Payara Micro Documentation www.payara.fish/documentation

Related products and services

- Customisable [production and developer support](#), including 24x7x365 provisions.
- Remote and on-site [consultancy](#) available.
- Payara Server for classic middleware deployments.

Payara Micro Supported APIs

- Servlets, JSTL, EL and JSPs
- WebSockets
- JSF
- JAX-RS
- EJB lite
- JTA
- JPA
- Bean Validation
- CDI
- Interceptors
- JBatch
- Concurrency
- JCache

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