CocoBase® Wins Coveted Position
As The “Best Choice ORM Tool”
For Building JPA Persistence Based
Enterprise-Level Applications.

CocoBase® Has Evolved To Be The Only JPA Tool To
Deliver In Full The Key Requirements For Enterprise
Application Development.

CocoBase® PURE POJO - Technical Paper
CocoBase® Stands Alone As The “Best Choice” For Building JPA Based Enterprise-Level Applications.

CocoBase’s® long-term focus on meeting the challenging requirements of enterprise-level applications has won it the coveted position of “Best Choice JPA Persistence Tool For Enterprise Development”. The JPA (Java Persistence Architecture) is the standards based approach for coding data persistence in the EJB3 specification. The graph of information quickly shows that CocoBase® is the only ORM tool offering a complete solution.

### JPA Persistence Tools Comparison

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JPA Persistence Functionality & Features

It has been analyzed and shown in detail that CocoBase® is the only tool to cover the full range of persistence features and functionality from “desktop simple” to “external enterprise”. The other ORM tools providing JPA support are restrictive in that they only cover features at the “desktop simple to ”workgroup moderate“ with limited features at the “internal/external enterprise” levels.

Easy To Use Technology

In the new version 5.0 of CocoBase® the tool has been re-architected solely around making the technology easy to use. The advanced user interface greatly simplifies the detailed process of mapping the objects with the tables and fields, and then generating the persistence code. The flexibility of the technology eliminates the need to hand-code SQL, JDBC, Java, etc. that the other JPA tools require just to complete the application.

High Productivity User Interface

CocoBase® is the only JPA tool that includes an advanced user interface that has combined all the aspects of the tool into one easy to use wizard that greatly speeds development. The other JPA tools do not even have an user interface at this time, much less, one that is working at the advanced level of a smart case-tool like system. For example included is the Magic Mapper, an intelligent wizard that auto-maps the tables, fields and objects for the developer. It is easy to use and reduces up to 90% of the time it takes to map these together.

“Raw Data” High Performance

Base level “raw data only with no data complexity” performance of CocoBase® is anywhere from 30% to 200% faster than other JPA tools. Raw data performance is a measure of only processing data from the application to the database and back with little to no complexity of the relationships between the data. Another way to quantify this is that CocoBase®, as a mapping layer, is two to three times faster than running the same operations through a JDBC driver without CocoBase®. Other ORM tools are typically 15% to 20% slower than just using a JDBC driver and doing the same operations.

“Data Relationship Complexity” High Volume Scalability

Data relationship complexity has to do with the complexity and number of relationships being persisted (i.e. complexity of the object model). CocoBase®, once again, provides excellent scalability that is 30% to 1,000% faster than other JPA tools. The key to CocoBase’s® performance is its’ ability to provide Linear Scalability which retains the same speed per object as the number and complexity of the objects increases. The typical corporate application has a medium level of data relationship complexity so linear scalability is very important for a JPA tool to provide.
High ROI - Lowest Total Cost of Ownership

CocoBase® provides a return of $3 for every $1 spent purchasing it. This is a ROI of 300% which essentially makes CocoBase® better than free. The time savings from the combination of the technology, the high-productivity user interface, and that CocoBase® writes all the SQL, JDBC, Java code for the user is an enormous time savings. Other JPA tools require the developer to actually write their own SQL, JDBC and Java code which greatly reduces productivity, increases errors and makes the code hard to manage.

Professional Technical Support and Mentoring Services

Thought Inc.® provides the best in industry support for JPA Persistence that not only covers the use of CocoBase®, it also covers key related technologies as well. The technical issues in dealing with enterprise persistence can be quite complex and the ability to deal with related issues on databases, JDBC drivers, application servers, etc. is an important part of supporting CocoBase® users. Mentoring services are also offered as a way to directly impart the level of expertise within the CocoBase® engineering team to the project team.

Mature Technology with Customer Applications in Use for 5 Years & More

CocoBase® has been available for use since 1997 as the first 100% Java ORM tool and has key Fortune 1,000 customers using the technology to run their mission-critical applications. Companies like Expeditors International, CVS Pharmacy, MCI – Verizon, United Airlines and governmental agencies like U. S. Social Security and the State of Maine all use CocoBase. Most of these customers have been using CocoBase for at least five years and more proving that the technology is mature and successful.

Commercially Built Quality Technology

CocoBase® was architected from its inception as a commercial-grade technology focused directly on the set of challenging requirements at the enterprise level. The engineering team behind CocoBase® has decades of experience in dealing with this particular set of technological requirements. The result is a tool and framework that has a consistent level of expertise throughout the code-base and in how it deals with providing the enterprise JPA persistence. Other JPA tools are not commercially developed and while they may be free to use, the quality is not at the same level.

Patented Technology Protection

Thought Inc.® innovated the Dynamic Mapping Repository approach to persisting data on the Java platform. The company has carefully documented and patented the technology in CocoBase® to provide customers a clear right to its use. CocoBase® has a landmark patent, #5857197, covering the technology with additional patents granted as well. Thought Inc.® makes a priority of committing company resources into the continued research and development of the technology. Other JPA tools have little to no patent protection.
Get A FREE Download Of CocoBase® PURE POJO Now

Please go to Thought Inc.® website (www.thoughtinc.com) and download a free copy of CocoBase® PURE POJO version 5.0 today. See for yourself why CocoBase® is chosen for enterprise JPA based applications. We strongly advise engineers to carefully go through the evaluation process and to engage our support team for assistance.

Thought Inc.® technical support is always available to respond to any questions at (support@thoughtinc.com).

We, at Thought Inc.®, look forward to working with you.

COMPANY INFORMATION

THOUGHT Inc.®, in business since 1993, has been shipping the CocoBase® Enterprise O/R product since early 1997 and is currently in its’ 5th major release. THOUGHT Inc.® invented and patented repository based Dynamic Object to Relational Mapping™. CocoBase® is by far, the most mature Java based O/R Mapping tool available and leads the industry in technological innovation. This is why so many of our customers rely on CocoBase®! For more information please see the website at www.thoughtinc.com.

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Patents
CocoBase® is a patented product under patent #5857197 as well as patents pending for object caching, object navigation, dynamic object querying technologies, etc.

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