



Pervasive just became a whole lot easier

PERVASIVE SOFTWARE FOR A CONNECTED WORLD™

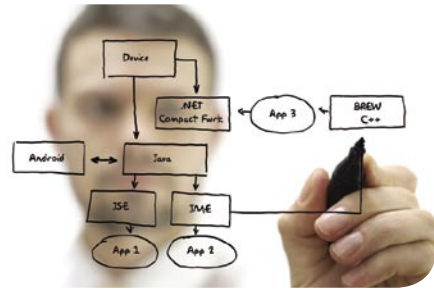
Voyager is a pervasive software platform that saves time and money by solving mobile fragmentation issues and providing server-level intelligence to wireless devices. No other development platform offers a single set of APIs for today's most relevant OSs, services, and devices. And no other company delivers Recursion's unique combination of vision, innovation, and mobile expertise.





REACH ANY DEVICE, ANYWHERE

No longer limit your market size by designing software to the device. Voyager allows developers to code applications and services in the language that makes best sense and deploy to today's most relevant mobile, embedded and enterprise platforms using a single API set. Implementing Voyager future-proofs application development and expands your application's reach beyond the web to the rapidly growing M2M and embedded market.



UNIVERSAL SERVICES & BUSINESS OBJECTS

Voyager provides a universal service or business object abstraction layer that allows for the hosting of application data on any device, from mobile phones to desktops to servers. These services can be shared amongst dynamically assembled communities of devices, enabling a new class of truly innovative next-generation applications.

OPERATING SYSTEMS

- › Android
- › Apple iPhone
- › Apple MAC
- › BREW
- › Linux (all)
- › RIM BlackBerry
- › Symbian
- › Unix (all)
- › Windows Mobile, CE, XP, Vista
- › Embedded Linux
- › Integrity
- › LOS-178
- › LynxOS-SE
- › Neutrino
- › OSE
- › Palm OS
- › PikeOS
- › QNX
- › VxWorks
- › VxWorks/MILS
- › WinCE

VIRTUAL MACHINES

- › Dalvik
- › JSE
- › JME-CLDC, CDC
- › Mono
- › .NET CLR, Compact Framework
- › OSGi Containers

LANGUAGES

- › Java
- › .NET Languages
- › C++

NETWORKS

- › CDMA
- › GSM
- › IPV4, IPV6
- › UWB
- › Wi-Fi
- › WiMAX
- › Wired

ARCHITECTURAL STANDARDS

- › OSGi Bundle
- › Distributed BONDI Services

USE CASES

- › Mobile, P-2-P Collaboration
- › CRM Mobility & Extensibility
- › Distributed Knowledge Networks
- › DoD Mobile Training & Simulation
- › Mobile Social Networking
- › Intelligent Sensor Networks
- › Home, Car & Phone Networking
- › Intelligent Shopping
- › Active RFID
- › Emergency Alert & Response
- › DHS First Responder

“...a typical development cycle, porting and testing can consume from 40 to 80 percent of your time, depending on your level of experience and on the number of devices you need to support.”

- DevX Magazine



REDUCE BANDWIDTH THROUGH EDGE PROCESSING

Voyager's scalable architecture, peer-to-peer and peer-to-group application messaging, and advanced rules engines turn every device into an intelligent client *and server* that can process data into knowledge in near real-time apart from the enterprise. The advantages of this approach versus a web application are many: no single point of failure, processing of data and filtering of noise at the source, improved performance, high scalability, and persistence without a wireless connection.



P-2-P, P-2-GROUP APPLICATION MESSAGING

Voyager is a true peer-to-peer and peer-to-group platform that allows ad hoc, location-aware community-based collaboration. Individuals can discover, share and distribute files and messages to a dynamically assembled community of devices. P-2-P avoids performance lag, scalability issues and downtime risk, while offering unrivaled next-generation collaborative and mobile social networking capabilities.

CONSULTING SERVICES

EDGE TO ENTERPRISE

Recursion Software can provide assistance with architecture, design, development, integration, testing, rollout and optimization of your application from the enterprise to the edge.

Our engineering consultants are experts in architecting mobile and distributed systems using a variety of technologies and languages.

OUR APPROACH

Our engineers blend with your company's development staff to form one seamless, highly experienced team resulting in a smooth and successful project.

Recursion will work with you to develop a detailed Scope of Work with concrete deliverables for each milestone and the overall project within your budget and delivery requirements.

AT YOUR SERVICE

Recursion will enable you to deliver projects that are cost-effective and efficiently managed, freeing up your internal resources to focus on more strategic project issues and processes.



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