MaplicitySDK™ FAQ's[1]

What is *MaplicitySDK*™?

MaplicitySDK from Telemorphic, Inc. is the complete set of Java™ libraries for creating powerful Internet GIS and image processing applets and applications for ESRI's ArcIMS Image Services. *MaplicitySDK* is designed so developers can easily build and deploy custom Internet GIS solutions with any subset (or all) of the *Maplicity*™ functionality. *MaplicitySDK* includes over 100 Java classes, Javadoc, Users' Guide, and source code for the *Maplicity* applets.

What are *Maplicity*™, *MapImager*™, and *OpenApplet*™?

Maplicity is an easy-to-use, powerful, and lightweight applet which provides a full-featured GIS interface for ESRI's ArcIMS Image Services. *Maplicity MapImager*™ is the image analysis extension for *Maplicity* which offers Web browser-based interactive image analysis and visualization for ArcIMS. *OpenApplet*™ is an applet which provides a simplified web browser-based interface for the GIS beginner user, while still incorporating much of the advanced functionality found in *Maplicity*, such as interactive image visualization tools, graphic/text annotation, printing custom maps, and others. *Maplicity*, *Maplicity MapImager,* and *OpenApplet* provide very cost-effective and affordable options for Internet/Intranet deployment of desktop GIS-like capabilities, including image analysis, to organizations of all types. See also *Maplicity* brochure and FAQ's for more info.

Maplicity and *OpenApplet,* as well as the *Maplicity MapImager* extension, are built with *MaplicitySDK*. *MaplicitySDK* includes all the Java classes used to build these applets, as well as the source code for the *OpenApplet* and *Maplicity* applets.

Why should I use *MaplicitySDK*?

- Enables rapid development and deployment of highly functional Internet RS/GIS custom solutions.
- Easily add robust image processing and visualization capabilities to spatial web sites.
- Built entirely with Java™ technology from Sun Microsystems, Inc. for unparalleled interactivity, cross-platform compatibility, and security.
- Simple and cost effective *Maplicity* Web server licensing with unlimited client downloads for maximum scalability and affordability.
- Seamless integration with ArcIMS while requiring minimal knowledge of ArcXML.

Who should use *MaplicitySDK*?

Web developers and Internet GIS solutions integrators interested in building robust custom GIS and image processing solutions based on ArcIMS. *MaplicitySDK* is written entirely in Java to provide an extensible, object-oriented development option for creating geospatial solutions that are operating system and Web browser independent. Developers must have a basic knowledge of the Java language. They need to know how to add a JAR file to their classpath, be familiar with event handlers, exceptions, Swing components, and interfaces.

What Packages are available in *MaplicitySDK*?

EVENT: Event handlers that assist in setting GUI tool state
GEOM: Geometric Classes
GUI: Maplicity GUI Components
GUI.LEGEND: Symbology Classes
IMAGING: Image processing Classes
LAYERS: Layer and Map Service related Classes
PROJECTION: Coordinate Transformation Classes
UTIL: Miscellaneous Classes
XML: XML Processing Classes

What Web browsers are supported? Is a big download from Sun still required?
What are the system requirements?
Because *MaplicitySDK* is written entirely in Java™ from Sun Microsystems, Inc., any Web browsers which support Sun's Java 2 plug-in (such as Internet Explorer, Netscape Communicator, and AOL) are compatible with *Maplicity* products and those built with *MaplicitySDK*. Tested client operating systems include Windows, Linux, Unix, and Mac OS-X.

How is *MaplicitySDK* licensed?
MaplicitySDK is licensed to a site (location). *MaplicitySDK* can then be used by multiple developers within that site. Solutions built with *MaplicitySDK* are licensed to the Web server, in the same way as *Maplicity* is licensed (i.e. a single *Maplicity* license for each web server). Each new deployment of products built with *MaplicitySDK* requires the purchase from Telemorphic Inc. of a single *Maplicity* license for each Web server. Unlimited applet downloads (users) are allowed from licensed Web servers.   Licensing for Application Service Provider's (ASPs) is also available. ASP's and organizations interested in becoming *Maplicity* resellers should contact Telemorphic directly at info@telemorphic.com.

What is the *MaplicitySDK* pricing structure?
MaplicitySDK pricing is $5,000 for a site license. Deployments of solutions built with *MaplicitySDK* requires the purchase of the standard Web server license(s) for *Maplicity*. Licensing for Application Service Provider's (ASPs) is also available. For additional information about ASP licensing, contact Telemorphic at info@telemorphic.com.

How do I protect my investment?
Authentication code built into *MaplicitySDK* ensure that custom solutions built with *MaplicitySDK* are only able to communicate with Web servers licensed to deploy *Maplicity*.

What about support? What about custom application development?
Technical support consulting is available on an hourly rate basis from Telemorphic Inc. Telemorphic may also be contracted to develop custom functionality and applications. Contact Telemorphic Customer Service for current rates.

Who is Telemorphic, Inc.?
Telemorphic, Inc. (Berkeley, CA), a leading innovator in Web-based mapping products and services, leverages rapidly converging communications and computing technologies (C3T) to improve functionality, reduce costs and add value for customers. The Company's core domain expertise in Remote Sensing and Geographic Information Systems (RS/GIS) applications, as well as Internet GIS application development, provided the foundation to develop cutting-edge Web mapping products that provide seamless integration of image processing and visualization tools with enhanced Internet GIS technologies. In addition to their own Java based Maplicity™ products, Telemorphic is an authorized Developer and Reseller of ESRI's ArcIMS Internet GIS software (ESRI Business Partner). Telemorphic is also developing enhanced mobile products and services through the integration of wireless telecommunications, the Internet, mobile devices, GPS, GIS, satellite imagery, and other digital map information.

For additional information, contact Customer Service at Telemorphic, Inc:
> **Telemorphic, Inc.**
> **Attn: Customer Service**
> **125 University Avenue, Berkeley, CA 94710**
> **Ph 510-843-1256   Fax 510-295-6130**
> **info@telemorphic.com**

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[1]current as of 10/30/03 - subject to change without notice at the sole discretion of Telemorphic, Inc.
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