



HP Smart Internet Usage

Developer Kit 3.0



- Total Extensibility
- Customer empowerment
- Fast Track plug-in certification program

The Smart Internet Usage (SIU) Developer Kit 3.0 is a set of tools that enable a developer to tightly integrate SIU with a network's many devices, applications, services and objects. Business rule objects are easily developed and customized to a customer's requirements. SIU is an open, scalable, extensible mediation platform architected for the next generation Internet. The developer kit helps customers and partners of SIU extend the platform to fit changing or specialized needs. The developer kit helps you solve a full range of integration problems quickly whether you have to integrate a network device with new features or apply custom business rules to the events your network generates.

Integrate network devices & services with unusual log formats

If a device or service logs its usage statistics, key SIU Java objects such as the **Encapsulator** and **Parser** can be extended to capture the data stream as a set of Normalized Metered Events (NME). Sample extension objects and documentation help you succeed.

Create business rule objects that match your business need

The Java rules executed by SIU's distributed rule engine (aggregator) can be extended to reflect the specific business needs of any deployment. SIU rule objects provide flexibility in customizing the operations that will be performed on an NME or the aggregation tree. Sample extension objects and documentation help you succeed.

API and Java extensions to integrate business support system (BSS) applications

The SIU distributed datastore **ApplicationTransaction** can be extended to ensure tight integration between SIU and a BSS application. Documented APIs can also be called to read from the SIU Distributed Data Store.

API to integrate operational support system (OSS) applications

Documented C++ APIs and CORBA IDLs are available to read and write SIU's configuration parameters allowing integration with operations and administration applications.

Developer support & training

The Developer Kit is a component of the Smart Internet Usage developer program. (http://communications.hp.com/smartinternet/partners/part_prgm_dvplrs.html) Other aspects such as the training courses and "developer assist" support service ensure developers can maximize the return on investment in their development.

What do I get?

Developer Kit 3.0 contains code, IDLs and supporting documentation necessary to integrate applications with SIU:

- Guides to the APIs and extensible Java objects
- Online training guides
- CORBA IDLs

- Programming example source code
- SIU updates
- Online SIU documentation
- Benchmarking methodologies
- FAQ
- Data sheet
- Architecture diagrams
- SIU Developer License (2 machines, 6 collectors, 10,000 NME rate)

How do I access the developer kit? The SIU developer kit is packaged as a set of web pages with electronic downloads. Fill in the application form on the SIU external web site http://communications.hp.com/smartinternet/assistance/smartinternet_form.html On joining the developer program developers are e-mailed access to the SIU developer program web sites.

How much does it cost?

- HP Model Z7510A SIU Developer Assist: developer license and six support incidents \$5000
- HP Model Z7517A SIU Developer Assist: Extension Six Pack \$1000
- HP Model Z7533A SIU Developer Assist Extension Value Pack 20 incidents \$3000

How is my deployment supported? Developers have the choice of OEMing SIU with passthrough support or reselling SIU with HP deployment support. HP SIU Fast Track plug-in certification program provides for HP support of your extensions.

Required environment? Smart Internet Usage is a complete bundled solution. It requires Java JDK (1.2.2). It is tested and supported on operating systems NT(4.0 service pack 5), HPUX(11.0), and Solaris (7.0). You can use any development environment that supports Java 1.2 code generation. Recommended hardware: 300 MHz Pentium, 128 MB main memory, 4 GB Disk storage.

Testing Tools SIU provides a test source object that allows you to exercise your SIU infrastructure.

Where can I get more information? For more information about Smart Internet Usage and the SIU developer program visit us at <http://www.hp.com/smartinternet/>

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