Sentinel HASP Classes of Aladdin Package

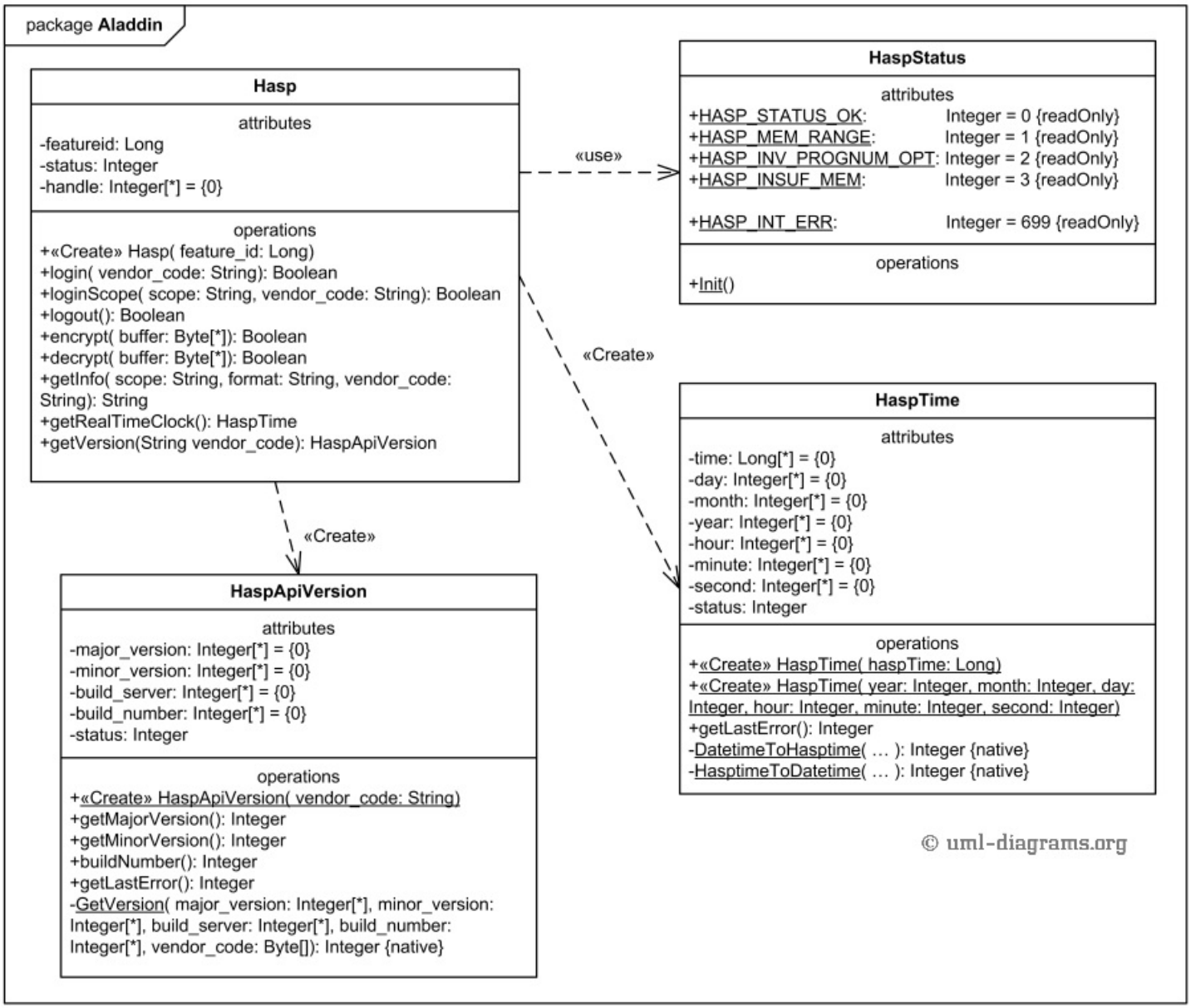
UML Class Diagram Example

This is an example of UML implementation level **class diagram** which shows HASP classes included in the Aladdin **package**. These classses represent implementation of the **HASP Java Native Interface Proxy component** you can see on the **Sentinel HASP licensing component diagram**.

The SafeNet **Sentinel LDK 6.1 Licensing API** (implemented in several languages) includes:

- structural declarations and information on individual Sentinel Licensing API functions,
- description of XML tags that can be used to define scope and output format of various API functions,
- description of all API return codes.

Aladdin package provides Java interface to the native library implementing Sentinel LDK 6.1 Licensing API.



Class diagram for Aladdin package implementing Sentinel LDK 6.1 Licensing API in Java.

HASP Java API includes 4 Java classes: Hasp, HaspApiVersion, HaspTime, and HaspStatus, all part of **Aladdin** package. Those classes are bundled into **HASPJava.jar** artifact. The HASP Java API classes load and link native methods from a platform-specific native library.

The main class of the HASP Java API is **Hasp**. This class allows to login or logout into software protection key for specific **vendor key**

or scope (see **Sentinel HASP domain**), encrypt or decrypt some license data bytes, get information about protection key, real time clock, etc. This class uses HaspApiVersion, HaspTime, and HaspStatus classes.

Noticed a spelling error? Select the text using the mouse and press Ctrl + Enter.

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This document describes **UML 2.5** and is based on **OMG™ Unified Modeling Language™ (OMG UML®) 2.5** specification ***[UML 2.5 FTF - Beta 1]***.
All UML diagrams were created in **Microsoft Visio** 2007-2016 using ***UML 2.2 stencils***. You can send your comments and suggestions to webmaster at **webmaster@uml-diagrams.org**.