

BioAPI Java Project

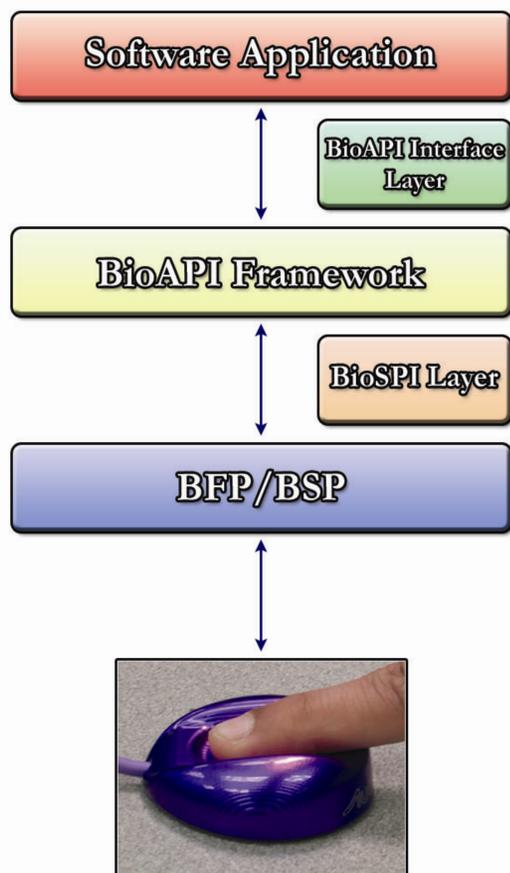
Enable creation of Java-based biometric applications

Motivation

- Current BioAPI 2.0 standard specifies API expressed in C language.
- AIM - two Java APIs semantically equivalent to C APIs specified in ISO/IEC 19784-1.

Impact

- Enable creation of new BioAPI compliant applications written in Java.
- Create a market for Java BioAPI compliant products.
- Increase level of adoption of BioAPI by offering interoperability.
- Provide experience in coding an API to an ISO/IEC standard specification.
- Provide experience of working with standards committees.



Milestones

- September '05 - Initiated BioAPI Java project.
- February '06 - INCITS M1 committee national project proposal approved.
- March '07 - Submit contribution & project progress to BioAPI Consortium
- April '07 - First draft of standardized interface.
- May '07 - Testing of interface.

BioAPI 2.0 Specification

Top-Down Design	
Requirements Analysis	
Design	
	Class Layout Formalized
	Project Divided into Modules
Coding	
	Basic Types Defined
	Module Skeleton Created
	Functions Implemented
Documentation	
	JavaDocs Written



Biometrics Standards, Performance and Assurance Laboratory



BioAPI™ Consortium