

## BioAPI Java™ Project

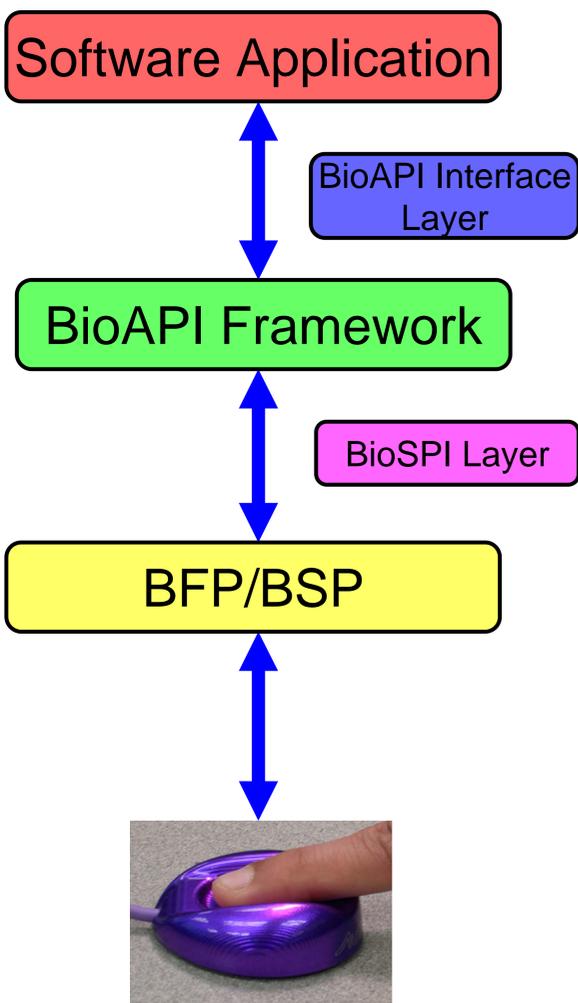
Enable creation of Java-based biometric applications

### 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 a 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.
- May '06 – Create first draft of standardized interface.
- May '06 – Create functional reference implementation.
- Dec '06 – Perform testing and conformance on reference implementation.
- Jan '07 – Submit contribution to BioAPI Consortium.

### 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



BioAPI™ Consortium



Biometrics Standards, Performance and Assurance Laboratory