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