

RELEASE NOTES

Introduction

This implementation is an adaptation of BioAPI Java 2.0.Beta4 for Android devices. It has been developed using Eclipse IDE for Android platform.

This Beta 4 specification is an evolution of Beta 3 published for C# language in September 2012.

List of packages included with this version

The list of packages that have been modified since the previous version (released in September 2012) is:

- BioAPI
- BioAPI.Data

NOTE: the BioAPI.Net package has been deleted

¿What is new in this release?

To get further information to the changes in the new release of Beta 4 specification you can read the ISO/IEC CD 30106-2.3 document corresponding to the BioAPI Java implementation, used in this Android release.

Additional code provided

In order to provide a simple reference implementation of BioAPI Java Beta 4, a partial implementation of a BSP is attached to this project.

The BSP provide the following characteristics:

- Implementation of “bspLoad” and “bspAttach” methods
- Implementation of the “identifyAggregated” method in order to show how to encapsulate all the operations implied in an identification: capture with sensors, process biometric data and compare captured data with the stored ones.
- Implementation of a BioAPI Archive unit based on SQLite technology provided by Android APIs

NOTE: in order to maintain the privacy of processing and matching algorithms and capture sensors owners we do not provide BioAPI capture, processing and comparison units. In future releases we will provide a complete implementation of a BSP.

Further information

The following webpage hosts additional information on the development of both BioAPI Java and BioAPI C#, as well as videos on applications developed using them: <http://guti.uc3m.es/BioAPI>