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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 30268.2-2013

**Information technology -- Conformance testing for biometric
application programming interface (BioAPI) -- Part 2: Test
assertions for biometric service providers**

信息技术 生物特征识别应用程序接口 (BioAPI) 的符合性测试 第2部分：生物特
征识别服务供方的测试断言

(English Translation)

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Foreword

GB/T 30268 "Information technology - Biometric application programming interface (BioAPI) compliance testing" is divided into the following four parts.

- Part 1. Methods and procedures;
- Part 2. Test biometric service providers assertion;
- Part 3. Test assertions BioAPI framework;
- Part 4. biometric application test assertions.

This section GB/T Part of 230,268.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section uses the translation method identical with the international standard ISO/IEC 24709-2:2007 "Information technology BioAPI compliance testing Part 2. Test biometric service providers assertion. " Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of these patents.

This part of the National Information Technology Standardization Technical Committee (SAC/TC28) and focal points.

This section drafted by. China Electronics Standardization Institute, Beijing Tiancheng Technology Co., Ltd. Sheng.

Introduction

This section defines the test assertions, using GB/T 30268.1 specified in an assertion prepared statement. These assertions are available GB/T 30268 User (such as a test laboratory) for testing claims that follow GB/T 30267.1-2013 of service providers (biometric service provider, BSP) hardware and software to achieve are consistent with the standard.

This section of the test assertion reflects the organizational structure of GB/T 30267.1-2013 Appendix A, and details the various types of realization (BSP assertion, frameworks and applications) service providers and several subclasses of consistency belongs assertion of consistency and BioAPI.

This section contains the conformance test assertion BSP all subclasses of consistency. The assertions based on the consistency of the subclass (if present) and it claims to support optional features further combination thereof.

Each test assertion test one or more pending tests performed (probably basic) features. In accordance with the requirements of assertion languages and assertion is Encapsulated package (each containing one or more assertions).

--- Chapter 6 sets out the general principles;

--- Chapter 7 lists the test assertion BioAPI BSP for compliance testing of the model;

--- Chapter 8 provides consistency all subclasses BioAPI BSP and BSP (see GB/T 30267.1-2013 of A.4) Assertion compliance testing model.

Information technology - Biometric application program interface (BioAPI) compliance testing Part 2. Biometric care providers Test assertions

1 Scope

GB/T 30268 provisions of this section a lot of test assertions, of these tests are prescribed by GB/T 30268.1 assertion language Come prepared.

This section provides five subclass consistency GB/T 30267.1-2013 defined in the BSP will be performing all tests in this section off Statement in which subsets, but also provides some additional assertions, the implementation of these assertions depend on the software and hardware tested meets GB/T 30267.1-2013 of optional features.

Specified in this test assertions are not comprehensive (see GB/T 30268.1-2013 Chapter 6). BSP's software and hardware based on GB/T 30268.1 specified in the test method specified in this part and the assertion to test, these tests can only show with assertions covered GB/T 30267.1-2013 part consistent.

2 Compliance

The method according to GB/T 30268.1 specified and the basic principles and provisions of Chapters 6 and 7 of the prescribed requirements and GB/T 30268 this part of a consistent software and hardware (BioAPI conformance test conditions) should be able to handle all test assertions as specified in Chapter 8.

3 Normative References

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments to the present) are applicable to this document.

GB/T 30267.1-2013 Information technology - Biometric application programming interface - Part 1. BioAPI Specification (ISO/IEC 19784-1:2006, IDT) 30268.1-2013 Information technology - Biometric Identification Part 1 Application Programming Interface (BioAPI) compliance testing GB/T Score. methods and procedures (ISO/IEC 24709-1:2007, IDT)

4 Terms and Definitions

Terms and definitions GB/T 30268.1-2013 defined apply to this document.

5 Acronyms

GB/T 30268.1-2013 defined abbreviations applicable to this document.

6 General

6.1

Chapter 7 and Chapter 8, under the test assertion is based on conformance testing method GB/T 30268.1-2013 prescribed, and