

NIST (ANSI/NIST-ITL 1-2000) library (for FoxPro) released

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<http://www.tech-archive.net/Archive/Fox/microsoft.public.fox.programmer.exchange/2008-02/msg00311.html>

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 - *Date:* Sat, 23 Feb 2008 11:13:57 -0800 (PST)
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Cognaxon has released "NIST (ANSI/NIST-ITL 1-2000) library" which adds the power of NIST (ANSI/NIST-ITL 1-2000) file format to your software projects using only a few lines of code. Additionally "NIST (ANSI/NIST-ITL 1-2000) library" has built-in support for decompressing fingerprint images from WSQ image format.

The advantage of NIST files is the ability to contain multiple images and other types of data about the person in one single file, which simplifies biometric data exchange between participating parties. As for example: one WSQ file contains only one fingerprint image, but one NIST file contains inside many fingerprint images and also other information.

ANSI/NIST-ITL 1-2000 is Data Format for the Interchange of Fingerprint, Facial, & Scar Mark & Tattoo (SMT) Information defined by American National Standard for Information Systems.

One single NIST (ANSI/NIST-ITL 1-2000) file is able to contain following types of data:

- Type-1 Transaction Information
- Type-2 Descriptive Text (User-defined)
- Type-3 Fingerprint Image Data (Low-resolution grayscale)
- Type-4 Fingerprint Image Data (High-resolution grayscale)
- Type-5 Fingerprint Image Data (Low-resolution)
- Type-6 Fingerprint Image Data (High-resolution)
- Type-7 Image Data (User-defined)
- Type-8 Signature Image Data
- Type-9 Minutiae Data
- Type-10 Facial & SMT Image Data
- Type-11 Reserved for Future Use
- Type-12 Reserved for Future Use
- Type-13 Latent Image Data (Variable-resolution)
- Type-14 Tenprint fingerprint Impressions (Variable-resolution)

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Type-15 Palmprint Image Data (Variable-resolution)

Type-16 User-defined Testing Image Data (Variable-resolution)

Sample projects are provided for:

Microsoft Visual FoxPro,

Microsoft Visual C++ / Microsoft Visual C++ .NET,

Microsoft Visual C# .NET,

Microsoft Visual Basic,

Microsoft Visual Basic .NET,

Borland C++ Builder,

Borland Delphi,

Sun Java, NetBeans Sun Java, Eclipse Sun Java,

MinGW C/C++,

Eclipse C/C++,

Code::Blocks C++,

Bloodshed Dev-C++,

Borland C++ for Win32,

Digital Mars C/C++,

MatLab,

Compaq Visual Fortran,

PowerBASIC.

For latest version and more information please visit:

<http://www.cognaxon.com>

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