



# ICE 2006 Overview

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National Institute of  
Standards and Technology

NIST

*...working with industry to foster innovation, trade, security and jobs*



# ICE 2006 Schedule

- Today
  - Key points in afternoon talk
- 1 April 2006
  - ICE 2006 Protocol released
- 15 June 2006
  - Executables submission deadline
  - ICE 2006 evaluation begins
- December 2006
  - ICE 2006 Final Report released



# ICE 2006

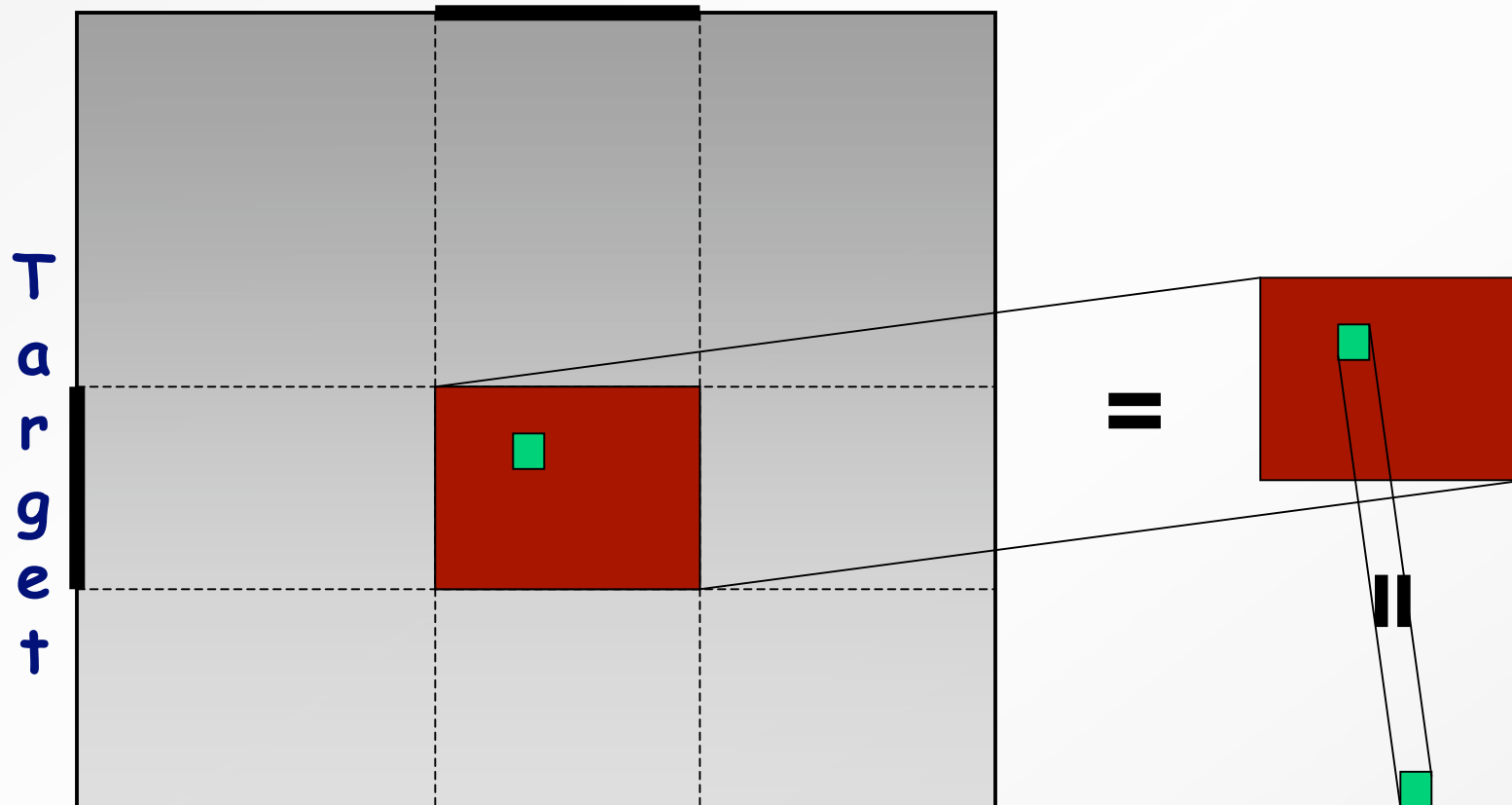
- Executable
  - Windows 2003 Service Pack 1
  - Linux
  - Matlab executables



# Properties

- 1 to 1 Matching
- Fully automatic
- Type of iris images
  - Single Right
  - Single Left
  - Both irises (single Right and single left)
- Command line call

# 1 to 1 Matching Query



target



# Executable calling signature

## *1-1 Matching:*

- **executable** *parameter\_file*  
*image\_directory*  
*target\_sigset*  
*query\_sigset*  
*similarity\_file*  
*quality\_target\_sigset*  
*quality\_query\_sigset*



# File format

- *parameter\_file*  
*XML- xpath reader on bbs*



# File format

*target\_sigset*

*query\_sigset*

*quality\_target\_sigset*

*quality\_query\_sigset*

***BEE sig-set - Btools posted on bbs***





# File Formats

*similarity\_file*

***BEE v2 similarity matrix - BTools***



# FAQ

- FRVT 2006 FAQ
  - [www.frvt.org](http://www.frvt.org)
- ICE 2006 FAQ
  - [iris.nist.gov/ice](http://iris.nist.gov/ice)
- Submit question to: [ice@nist.gov](mailto:ice@nist.gov)



## ICE 2006

- There will be surprises....
- NOT a test on Notre Dame data