IHSH
A Small LibAir-based IODEF tool

Arne Helme

`www.stelvio.nl`
`Arne.Helme@stelvio.nl`

Stelvio, The Netherlands

IHSH Overview

Motivation:

- Small command-line tool to manage (create, read, write, and experiment with) XML formatted IODEF messages

Features:

- Based on the LibAir library

- Simple command interpreter:
  - Designed to be invoked from Unix Shell scripts
  - Includes commands to "walk" LibAir's internal XML datastructures
  - XPAT-like syntax notation to set/get values and attributes

- Basic ARS/Remedy support

IHSH ARS/Remedy Support

Scope:

- Based on ARS v5.1 C API

- Conforming to eCSIRT.net's Common Language specification for XML formatted IODEF messages

Functionality:

- Functions to communicate with remote ARS/Remedy server

- Functions to translate between ARS C API data representation and LibAir's internal IODEF data representation

- Functions to create new entries on the server

- Functions to retrieve entries from server

IHSH Status and Availability

Status:

- Experimental, work in progress

Availability:

- Source code and documentation can be found on the AirCERT development site: aircert.sourceforge.net

Author contact information:

- Arne Helme, Email: Arne.Helme@stelvio.nl

Sponsors:

- The eCSIRT.net project
- SURFnet / CERT-NL