

# Open Standard

Isriya Paireepairit

<isriya\_pa@sipa.or.th>

Software Industry Promotion Agency (Public Organization)

Asia OSS Training, Bangkok

# What is Open Standard?

— [ “Open Standard” in term of specification

— “Open” : Everyone can participate, Document is available

— Don't mean “free (of cost)”

— “Standard” : Specification is controlled by Standard Body

# Standard Body

— [ or “Standard Organization”

— [ Vendor neutral

— [ Has formal process to publish standard

— [ Example

— W3C, IEEE, IETF, ISO

# Is it Open Standard?

— [ XML

— [ MPEG

— [ PDF

— [ Microsoft Word

# Is it Open Standard? (2)

## — [ XML

— W3C

— Document is available, free of charge

## — [ MPEG

— ISO (MPEG-4 = ISO 14496)

— Document is available for anyone who pay for it

# Is it Open Standard? (3)

## — [ PDF

— Adobe

— Document is available, free of charge

## — [ Microsoft Word

— Microsoft

— No document at all (even for internal use!!!)

# Problem with Close Standard

- [ Vendor Lock-in

- Stuck with only one software vendor

- Imagine if license will be changed tomorrow

- Worst case for government document

# Open Standard Benefits

- [ Solve vendor lock-in problem

- [ Separate content from application

- Can use any applications which follow standard

- More competition, lower cost

# Open Document Format

— [ “ODF” or in short, “OpenDocument”

— [ “OASIS Open Document Format for Office Applications”

— [ Developed from Sun StarOffice Format

— [ Now controlled by OASIS (Organization for Advancement of Structured Information Standards)

— [ In process to be ISO standard

# OpenDocument Structure

— [ Actually XML-based in ZIP format

— [ Separate style from content

— [ Images and other media are linked, not embedded

— [ You can try “unzip example.odt”

— [ [en.wikipedia.org/wiki/OpenDocument](http://en.wikipedia.org/wiki/OpenDocument) is a good resource

# OpenDocument MIME Type

- [ For Documents
  - .odt - Text
  - .ods - Spreadsheet
  - .odp - Presentation
  - .odg - Drawing

# OpenDocument MIME Type (2)

- [ For Templates

- .ott - Text

- .ots - Spreadsheet

- .otp - Presentation

- .otd - Drawing

# Software Support

## — [ Open Source

- OpenOffice.org 2.0
- OpenOffice.org 1.1.5 and above
- KOffice 1.4
- Abiword 2.4

## — [ Proprietary

- Sun StarOffice 8
- IBM Workplace

# Government Adoption

## — [ Europe

- Valoris Report recommend OpenDocument for EU
- EU tends to require using OpenDocument when ISO standardization is completed

# Government Adoption (2)

## — [ Massachusetts

— “It is an overriding imperative of the American democratic system that we cannot have our public documents locked up in some kind of proprietary format, perhaps unreadable in the future, or subject to a proprietary system license that restricts access.”

Eric Kriss, (then) Secretary of Administration and Finance

# Government Adoption (3)

## — [ Massachusetts (Cont.)

- Part of “Enterprise Technical Reference Model” (ETRM)
- Decision to use ODF is made, cannot be changed back
- Supported by Adobe, Corel, IBM and Sun
- Will start at 1 Jan 2007

# Government Adoption (4)

## — [ Other countries

— Some ministries or departments in Singapore, France, Brazil

— Cities: Munich, Bristol (UK), Vienna

## — [ Thailand

— Pushing Open Standard to Ministry of ICT

# Some Adoption Tips

— [ Keep both version, ODF and .doc

— [ Use PDF for un-editable documents

— [ Plain text is enough in many cases

— [ Document Conversion service

<http://convertt1e.nectec.or.th> - via web

— [ Start at yourself