

Programming with GPGME and GPGAppKit on OS X

G Gordon Worley III
redbird@mac.com

Public Key Cryptography

- public-private key pairs
- secret messages
- certified messages

Crypto Applications

- Messaging

 - e-mail

 - chat

- Storing

 - sensitive data

 - personal information

GnuPG and GPGME

- GNU Privacy Guard
 - free OpenPGP client
- GnuPG Made Easy
 - API to OpenPGP and other protocols

GPGME.framework

- Cocoa wrapper to libgpgme
- Coded by Stéphane Corthésy

GPGAppKit.framework

- user interface elements
- common information needed by
GPGME

WARNING:
**Sudden Divergence
to Technical Details**

Small children and old people should leave.

GPGME.framework

- GPGContext
- GPGData
- GPGKey
- GPGRecipients
- GPGSignature

GPGAppKit.framework

- GPGSingleKeySelectionPanel
- GPGMultiKeySelectionPanel
- GPGPassphrasePanel

Online Book

- Programming with GPGME and GPGAppKit on OS X
- http://macgpg.sf.net/GPGME_BOOK/

Thanks!

Mac GPG Project

<http://macgpg.sourceforge.net/>