# Rexx/CSV and Rexx/PDF

2010 International Rexx Symposium
Mark Hessling

14 December 2010
Amsterdam and Almere
The Netherlands
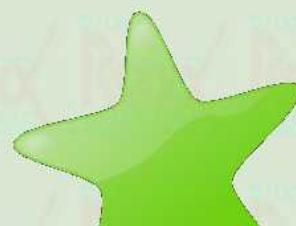
Rexx/CSV and Rexx/PDF

- Built with Rexx/Package
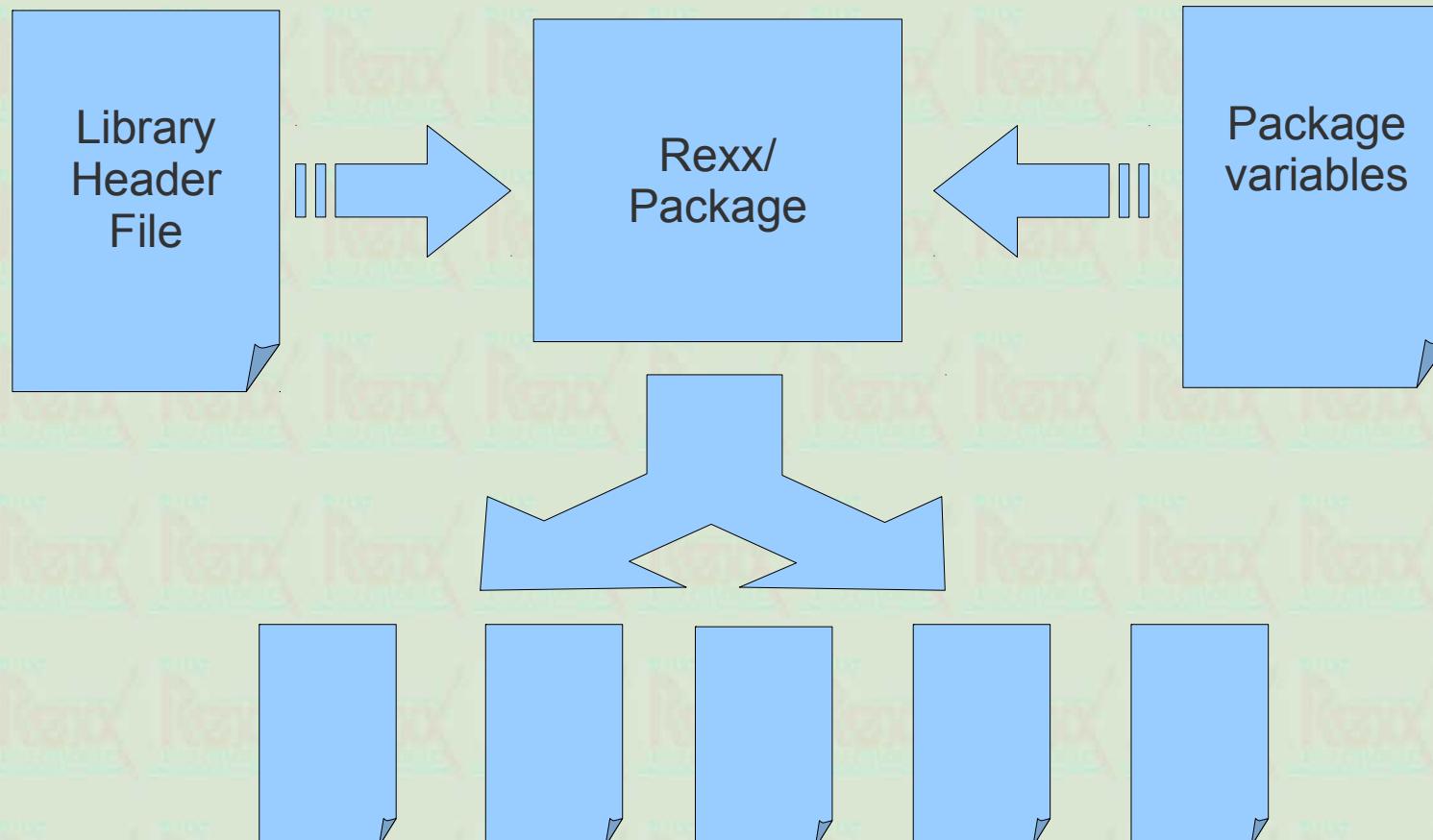
Rexx/CSV

- Reads and Writes CSV files

- Based on libcsv

  - http://libcvs.sourceforge.net

  - Processing via "callbacks"

- Does not work with ooRexx
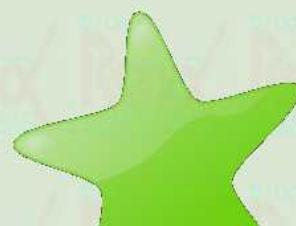
Rexx/CSV - Reading

```
handle = CVSinit()

...

CSVParse( handle, chunk, 'ProcessRecord', 'field.' )

...

CSVFini( handle, 'ProcessRecord', 'field.' )

...

ProcessRecord: /* callback procedure */

Do i = 1 To field.0

        /* do something */

End

Return
```
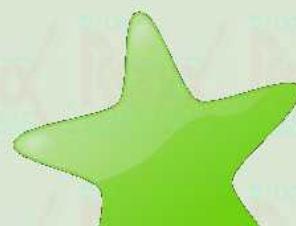
Rexx/CSV - Writing

- Writes fields, not records

  fs = CSVWrite(data)

- Quotes field as necessary

- Demo

Rexx/CSV

- Demo

- Questions

Rexx/PDF

- Creates PDF files
  - Text, images, lines
- Based on libharu
  - Wrapper for Postscript
  - http://libharu.org

Rexx/PDF

Structure of Rexx/PDF Program

- Initialise

- Add page(s)...

    - Add content to page...

- Save file

- Free resources
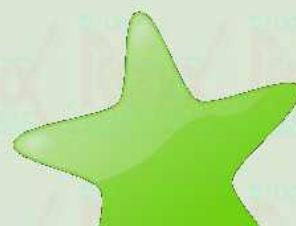
Rexx/PDF

- Demo programs

- Questions