2011 RexxLA International Rexx Language Symposium Proceedings

René Vincent Jansen (ed.)

Publication Data

Introduction

History of the International Rᴇxx Language Symposium

In 1990, Cathie Dager of SLAC[1] convened the organizing committee for the first independent Rᴇxx[2] Symposium for Developers and Users. SLAC continued to organize this annual event until the middle of the 1990's when the RᴇxxLA took over that responsibility. Symposia have been held annually since 1990.

About RexxLA

During the 1993 Symposium in La Jolla, California, plans for a Rᴇxx User Group materialized. The Rᴇxx Language Association (RᴇxxLA), as it was called, is an independent, non-profit organization dedicated to promoting the use and understanding of the Rᴇxx programming language. RᴇxxLA manages several open source implementations of Rᴇxx.

The selection procedure

Presentation proposals are solicited yearly using a CFP[3] procedure, after which the RexxLA symposium comittee reviews them and votes which presentations are selected for the symposium. The presentations are peer reviewed before being presented. Presenters are not compensated for their presentations.

Location

The 2011 symposium was held in Aruba, Dutch West Indies from 4 Dec 2011 to 7 Dec 2011.

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[1]Stanford Linear Accelerator Center, since 2008 SLAC National Accelerator Laboratory
[2]Cowlishaw, M. F., **The REXX Language** (second edition), ISBN 0-13-780651-5, Prentice-Hall, 1990.
[3]Call For Papers.

Contents

NetRexx on the Big Iron – René Vincent Jansen

Date and Time

5 Dec 2011, 13:30:00 CET

Presenter

René Vincent Jansen

Presenter Details

René has used Rexx since it appeared in TSO Extensions in the second half of the eighties when he was a systems programmer at the Central Bank of The Netherlands. He is an independent consultant since the turn of the century, specializing in models and meta models in order to rationalize data governance and model driven development. He likes to program in any language as long as it's Rexx.

NetRexx on the Big Iron

2011 Rexx Language Symposium, Aruba

René Vincent Jansen, 2011-12-04

Agenda

- NetRexx: what is it

- NetRexx: how to get it?

- Uploading to the Mainframe

- Running the translator

  - z/OS Unix Systems Services

  - z/Linux

NetRexx: What is it?

* We do not need to explain mainframe people what Rexx is

* NetRexx is Rexx for Java

* Java runs everywhere

* For occasional scripting to full blown applications

NetRexx: How to get it

* www.netrexx.org

* Download it (one version for all platforms)

* or build it from source (it is written in NetRexx, so you'll get the previous version to build it with)

* you'll need a JVM

JVM on z/OS

- Try if it is there in an OMVS shell

- java -version

- Inquire at the systems programming department

  - you might need something in your profile

JVM on z/OS

- If you are the systems programmer:

  - Download from IBM

  - Do an SMP/E install or just run the installer

http://www-03.ibm.com/systems/z/os/zos/tools/java/

When you have NetRexxC.jar

* And a running JVM

* You have everything you need

* The same jar (Java archive) runs everywhere

  * This means: it is entirely portable, you just need to copy the one file you have to every platform you run it on

* Need to get it to run now on z/OS or z/Linux

Getting it on the host

* First need to get it there

* Use your favourite terminal emulator

* do an IND$FILE send - in Binary (bin) mode

* or use ftp - also binary mode

* everything you have - Connect:Direct, MQ Series

* as long as you transfer every bit of NetRexxC.jar