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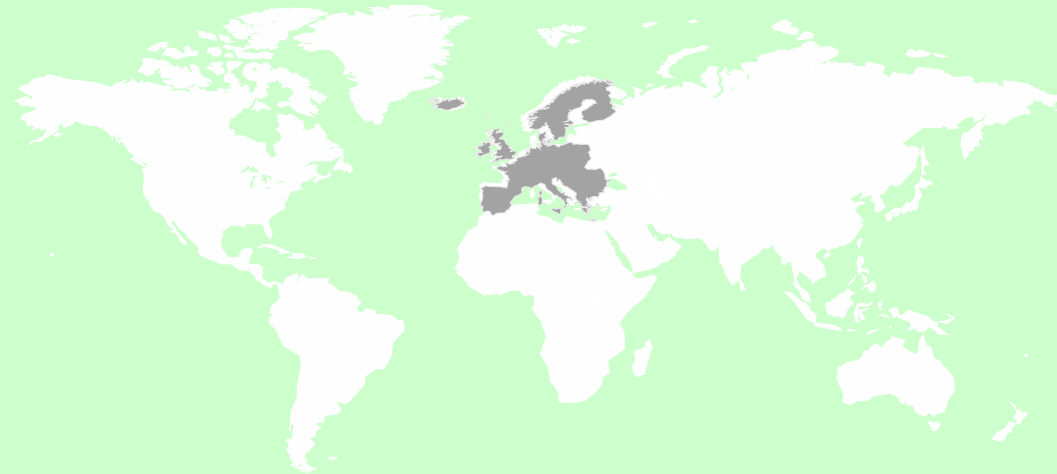
MORE on CICS Customisation with URM/GLUE/**TRUEs**

Subtle ways to make things happen



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Pi-system...program...GmbH represented by Martin Trübner from Langen



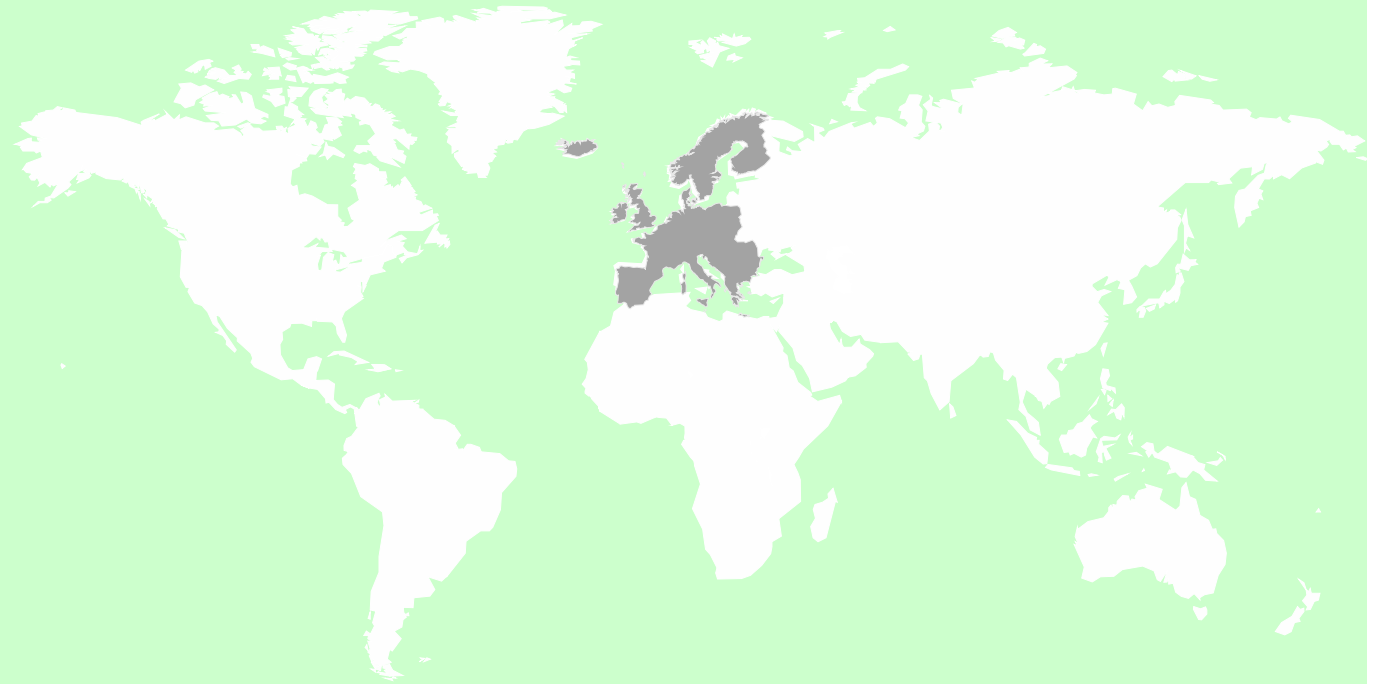


CICS Customisation

WAVV 2006

World & Europe

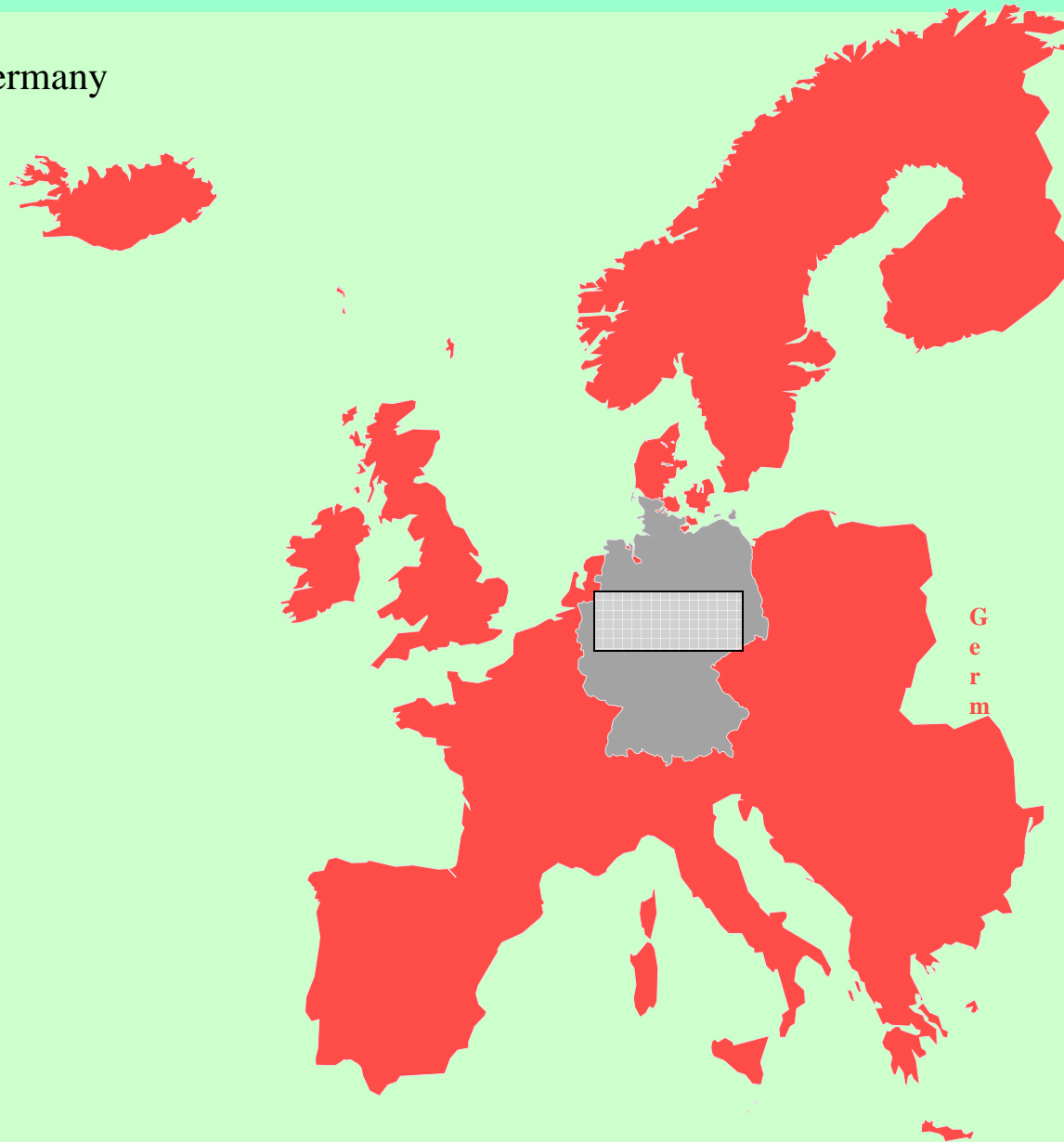
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Europe & Germany

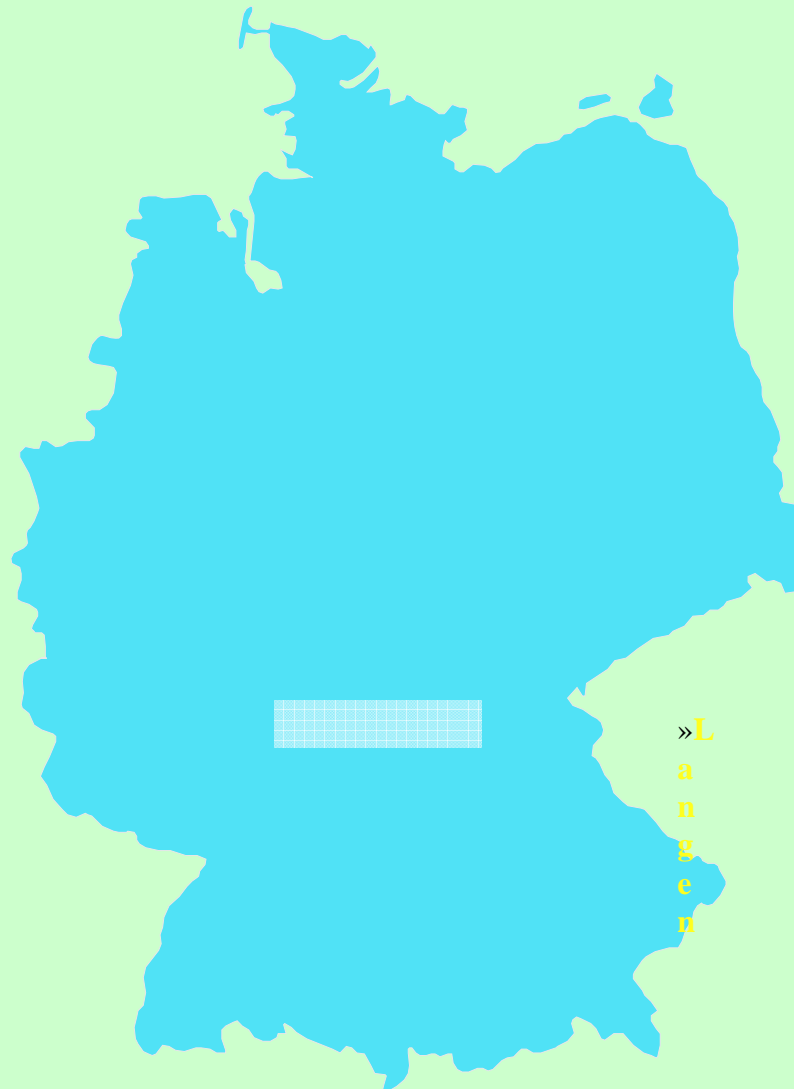
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Germany & Langen

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Why modify CICS at all

The good, the bad and the ugly

or

the known, the used and the elegant



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Warning

Warning: When coding user exit programs, you should bear in mind that the code is executed as an extension of CICS code, rather than as a transaction, and any errors could have disastrous results.



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User Replaceable Modules

A program with a defined interface

Comes with code from Hursley

Various sources

draw-back: only one at every point.



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Global User Exit

place in a CICS module or domain
CICS can transfer control
at which CICS can resume control
You can be GLUEless



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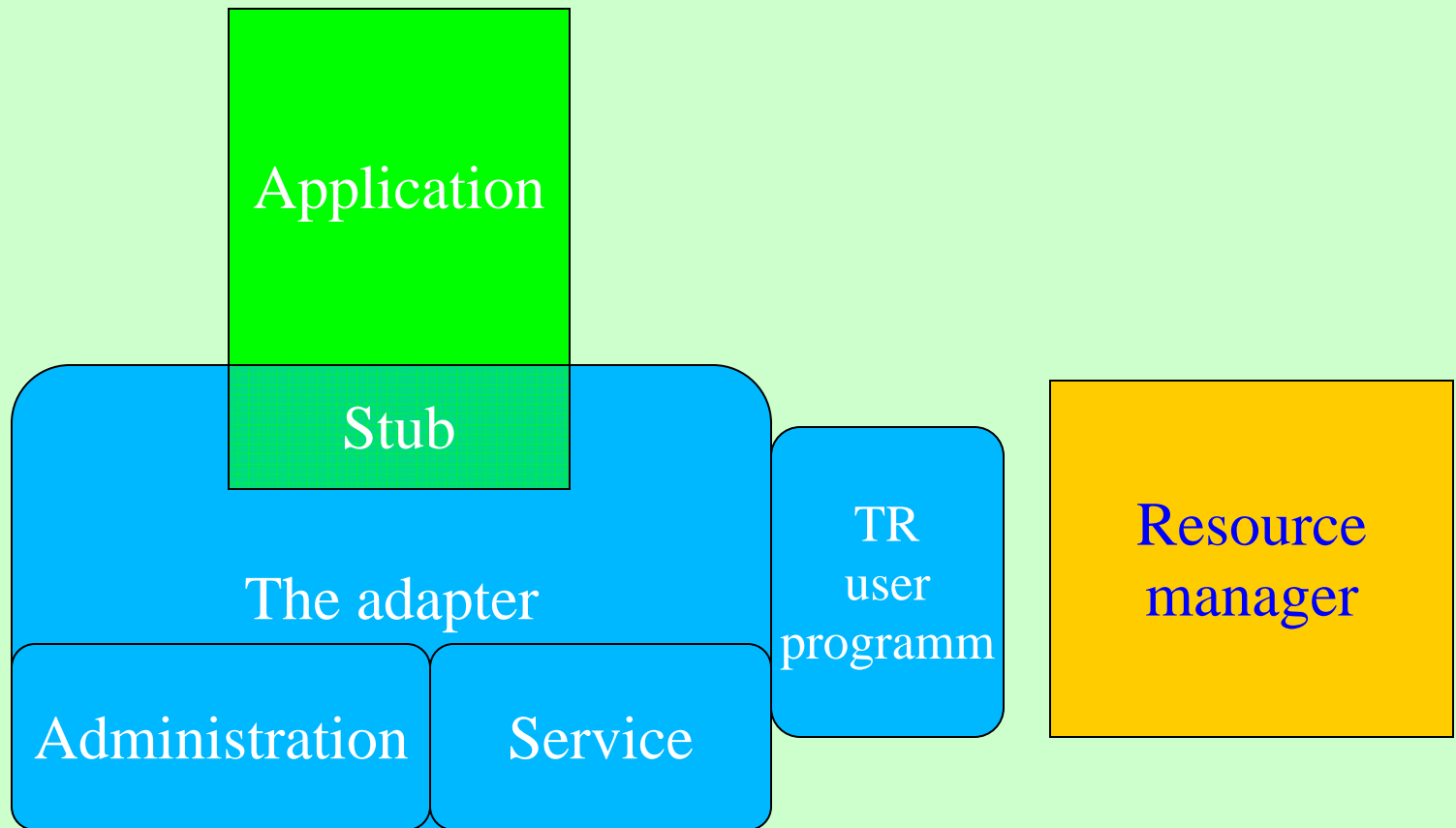
1 Task Related User Exit (RMI)

your own program to access a resource
becomes part of the task that invoked it
It is not associated with an exit point
It works without TRUE



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Pieces of the TRUEth





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2 Task Related User Exit (RMI)

RMI involvement at:

- AP-call
- syncpoint
- taskmanagment
- CICS-termination
- CEDF-formatting



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The problem

terminal related table

allocated at terminal-def (ZATD)

deallocated at terminal-delete (ZATD)

needs maintenance at **taskend**



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Alternatives

Life with it

Force Programmers to use caution

Use a GLUE

Cleanup at taskend

(with a TRUE)



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TRUE

Starter (with the directives)

The code itself

Sample from where?

Other helps



The code

to look at starter click here → [starter06](#)

to look at exit itself → [Code06](#)

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CEDA definitions

Program for exit (must)

Program for start (must)

Transaction for start (can, nice for testing)

Program for stop (can)

TESTER-program (???)



JCL to compile

```
// EXEC PUN4IPT,PARM='START'
// LIBDEF SOURCE,SEARCH=PRD1.BASE
// EXEC DFHEAP1$
                                SOURCE GOES HERE
/*
// EXEC PUN4IPT,PARM='SWITCH'
// OPTION CATAL
// LIBDEF PHASE,CATALOG=PRD2.CONFIG
    PHASE ??????
    INCLUDE DFHEAI
// EXEC ASMA90
// EXEC PUN4IPT,PARM='STOP'
// EXEC LNKEDT
```

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The listing

[listing.PDF](#)

THE END

Questions?

handouts

complete set (foiles, PDFs and code) is on internet-site