

# XROADS

A workflow support system





# Tutorial outline

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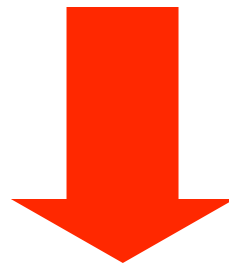
- Motivation
- XROADS terminology
- XROADS live demonstration
- Usage of XROADS for ARENA
  - during system design
  - during other phases
  - next steps



## Problem

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- Team-oriented software-development projects (> 15 developers)
- Documentation is distributed to different teams



**Leads to problems regarding ...**

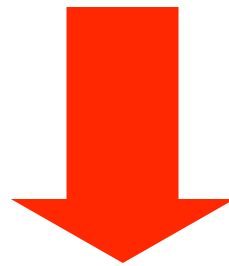
- ... keeping the overview of responsibilities
- ... monitoring the work progress
- ... storing work-products in a concise way



# Solution

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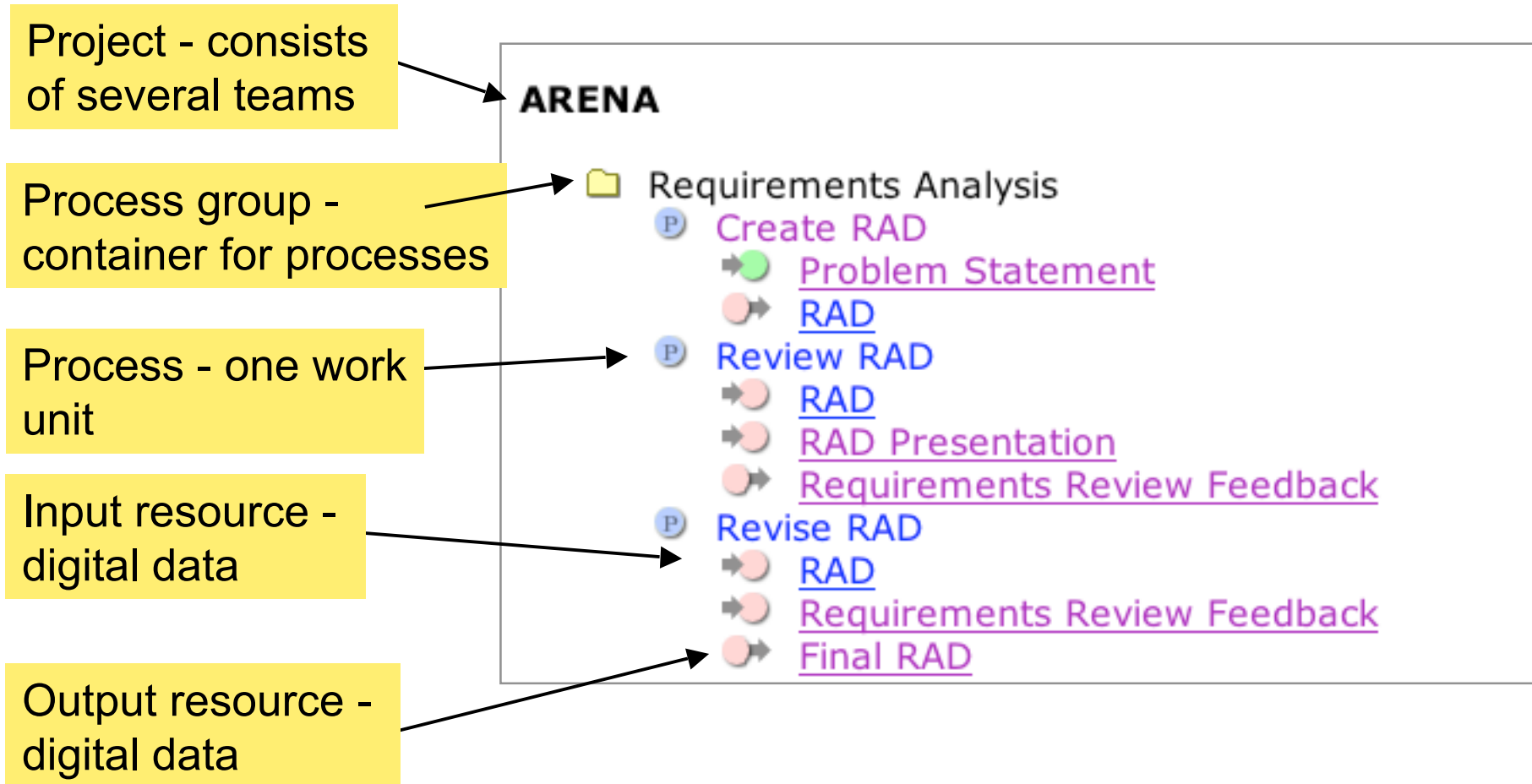
- XROADS - a workflow support system



**Supports ...**

- ... ability to define, modify and visualize workflows
- ... assignment of responsibilities and due dates
- ... monitoring work progress
- ... central storage of work products
- ... email notification

# ARENA XROADS terminology





# XROADS live demonstration

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- Go to <http://sysiphus.in.tum.de:8880/xroads>
- Login with your REQuest account



# XROADS during system design of ARENA (1)

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- The different roles are:
- **Documentation team** agrees on assignment of responsibilities to different teams and ...
- ... prepares SDD template in CVS
- ... helps team members if they have any problems
- **Coaches** define process hierarchy in XROADS



## XROADS during system design of ARENA (2)

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- **Development teams** write the assigned sections ...
- ... commit their sections to CVS ...
- ... update the according resource in XROADS with the CVS web URL ...
- ... update the status in XROADS (available, draft...)
- **Cross-functional teams** review the assigned sections...
- ... commit reviewed sections to CVS ...
- ... same update process in XROADS than development teams





# XROADS & ARENA

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- upload resources according to responsibilities ...
- ... and before scheduled end
- inform the coaches if you have identified any missing resources or processes
- contact [Allen Dutoit](#) if you have any technical problems when using XROADS



## Next steps

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- do not login into XROADS before Thursday
- login latest by the end of this week
- email [Allen Dutoit](#) if you have any technical problems
- have fun with system design :-)