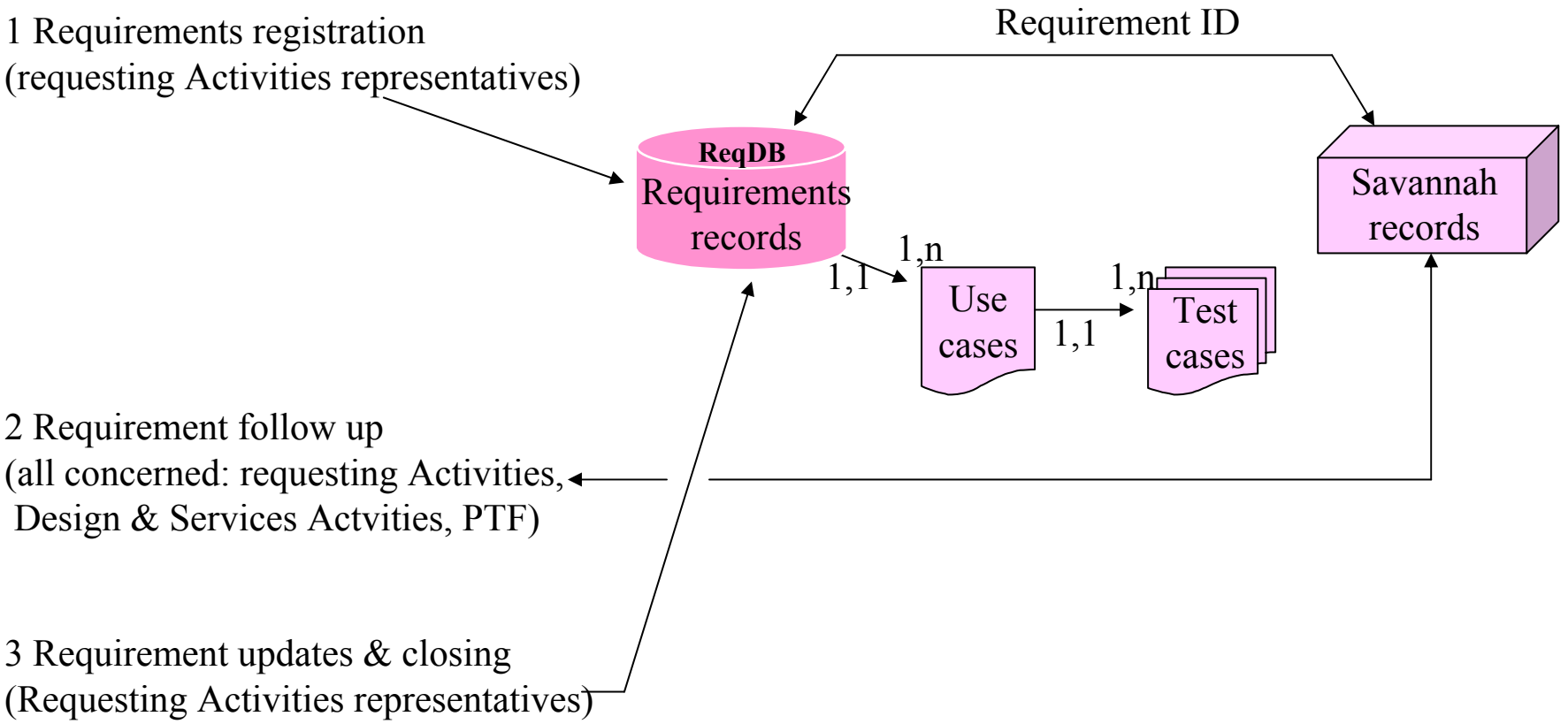
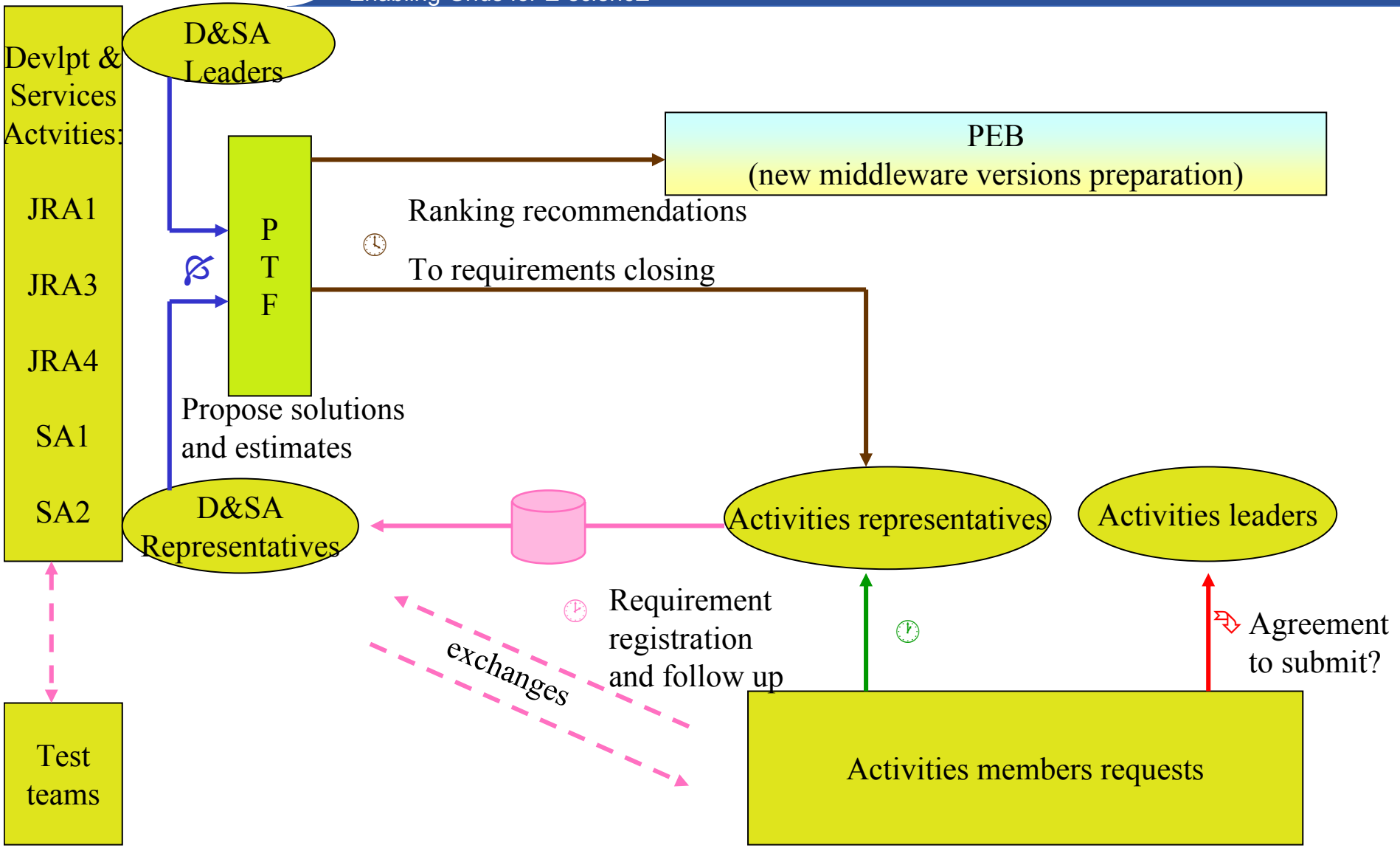
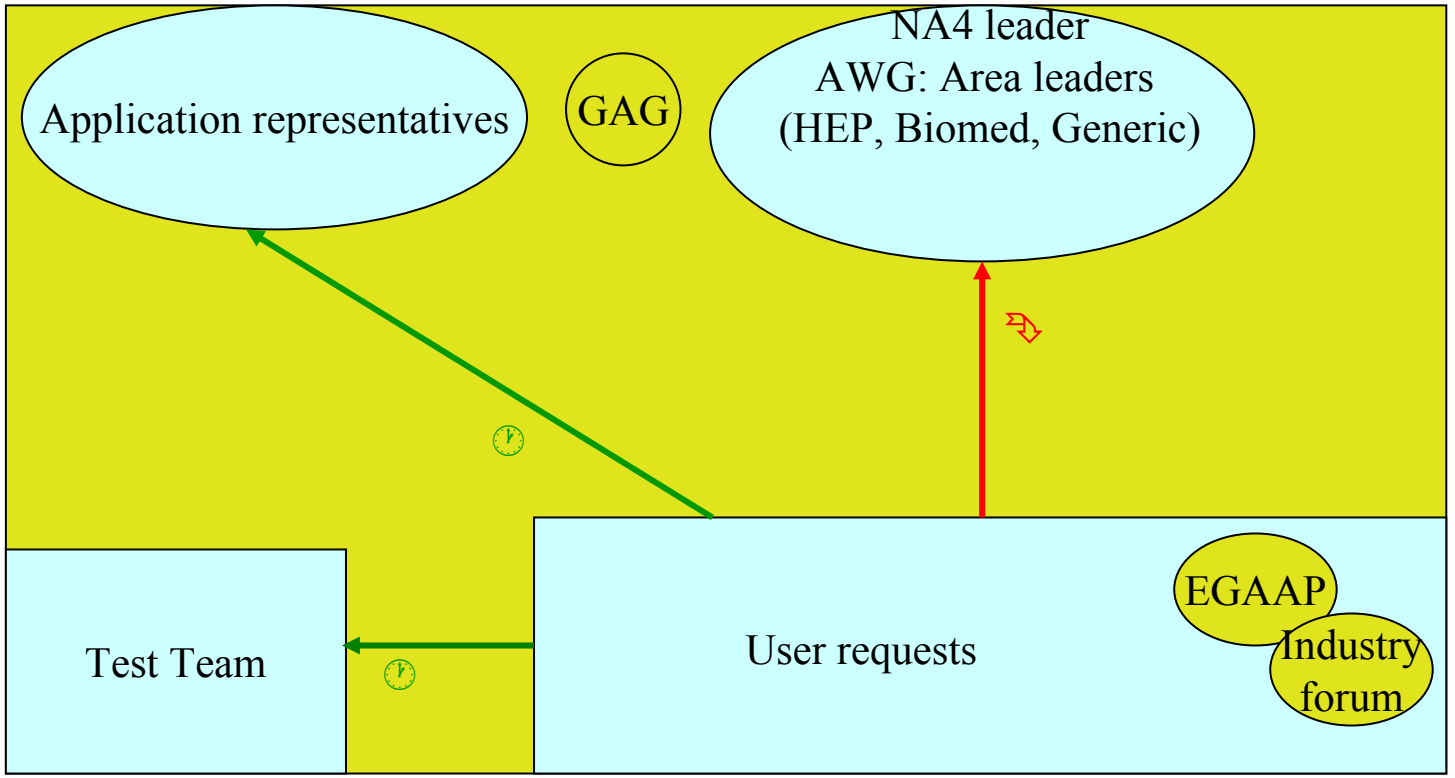
Requirement process: Model & Tools



Requirement process



Requirement process (inside NA4)



ReqDB portal (page 1)

Application requirements

The EGEE requirements database is openned to anybody for reading. Only authorized users can propose modifications and create new requirements. If you need to make modification but you are not authorized, **check here who is your representative**.

Browse and update requirements

All requirements

Requirements-Services matrix

Text output of the requirements database

Older snapshots:

- 2004-08-16

By middleware:

- User interface
- Job submission
- Data management
- Information system
- Storage
- Network
- Operation

By type:

- [x] Function
- [ ] Interoperability
- [ ] Performance
- [ ] Reliability
- [ ] Security
- [ ] Portability
- [ ] Accessibility
- [ ] Metrics
- [ ] Production
- [ ] Accounting

Search

By area:

- [x] HEP
- [ ] Biomed
- [ ] Generic
- [ ] Geophysics
- [ ] Earth Observation
- [ ] Astronomy
- [ ] GRACE
- [ ] DILIGENT
- [ ] SEE-GRID
- [ ] SA1
- [ ] SA2
- [ ] JRA1
- [ ] JRA2
- [ ] JRA3
- [ ] JRA4
- [ ] Any

Search

Create a new requirement

Related to:

- **User interface**
- **Job submission**
- **Data management**
- **Information system**
- **Storage**
- **Network**
- **Operation**

ReqDB portal (requirement page)

Job submission

R0005 - Parallel jobs execution

Version	4
Creation date	2004-06-02
Last update	2004-11-25
By	Pasquale Pagano (DILIGENT)
Contact	iblanque@dsic.upv.es
Description	Parallel execution is mandatory for some applications. The middleware is expected to enable parallel job submission (by specifying a number of hosts to allocate at submission time, at least at a site scale) and provide a message passing interface (preferably MPI)
Area	HEP Biomed Generic DILIGENT
Priority	Very high
Type	Function Performance
Services	S8.3 (Workload Management)
Requirement date	PM1
Implementation hint	MPICH-G2 is satisfying: it has already been experimented. The job submission system need to take into account parallel jobs.
Status	Required

Update requirement

Applicable usecases
AWG AWG UC#PJ
HEPCAL UC#paralleljobsubmit

Track record

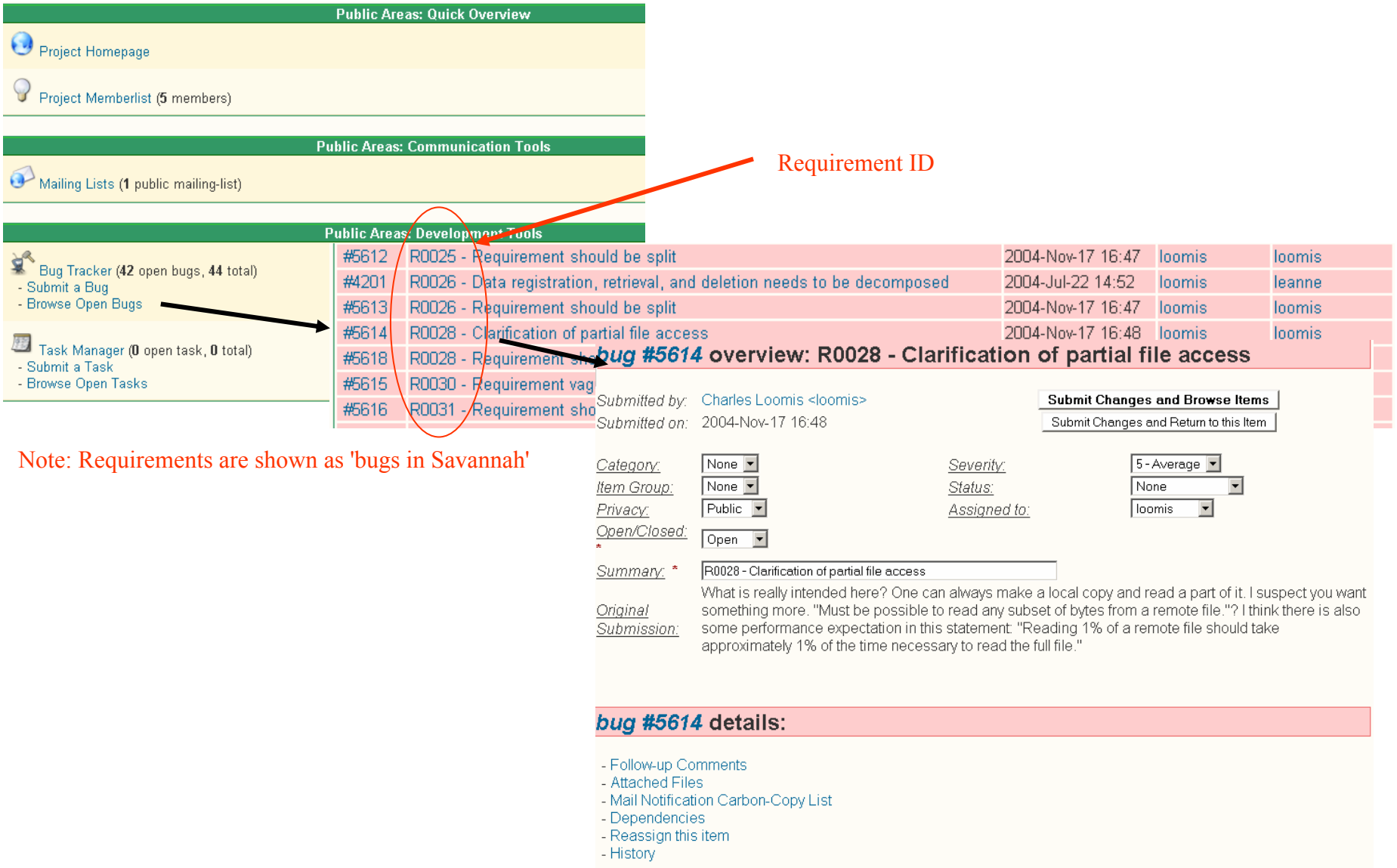
Date	User	Comment
2004-06-02	iblanque	PM0: Since late 2003, EDG middleware 2.1 provides access to MPICH-G2
2004-06-02	iblanque	PM0: LCG2 middleware does not support parallel jobs

Applications

References

Add usecases, track record, applications or usecases

Savannah follow up



Note: Requirements are shown as 'bugs in Savannah'

bug #5614 overview: R0028 - Clarification of partial file access

Submitted by: Charles Loomis <loomis>
Submitted on: 2004-Nov-17 16:48

Submit Changes and Browse Items
Submit Changes and Return to this Item

Category:	None	*Severity:*	5 - Average
Item Group:	None	*Status:*	None
Privacy:	Public	*Assigned to:*	loomis
Open/Closed: *	Open		

Summary: * R0028 - Clarification of partial file access

Original Submission:
What is really intended here? One can always make a local copy and read a part of it. I suspect you want something more. "Must be possible to read any subset of bytes from a remote file."? I think there is also some performance expectation in this statement: "Reading 1% of a remote file should take approximately 1% of the time necessary to read the full file."

bug #5614 details:

- Follow-up Comments
- Attached Files
- Mail Notification Carbon-Copy List
- Dependencies
- Reassign this item
- History