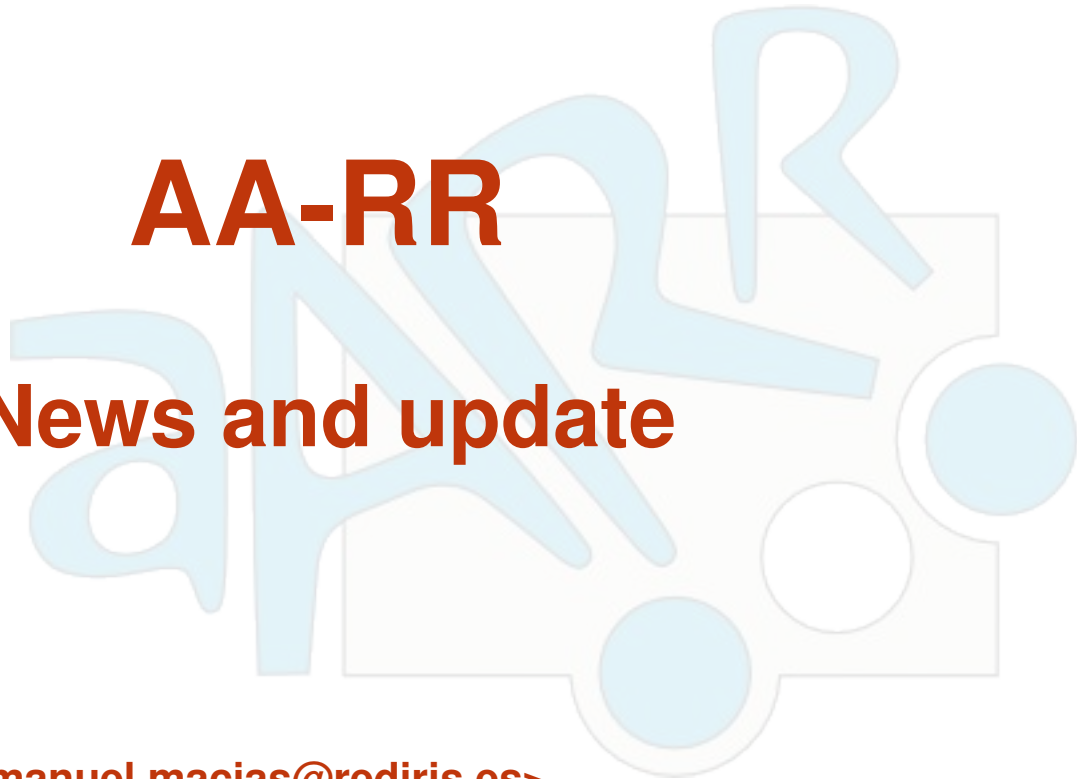




AA-RR

News and update



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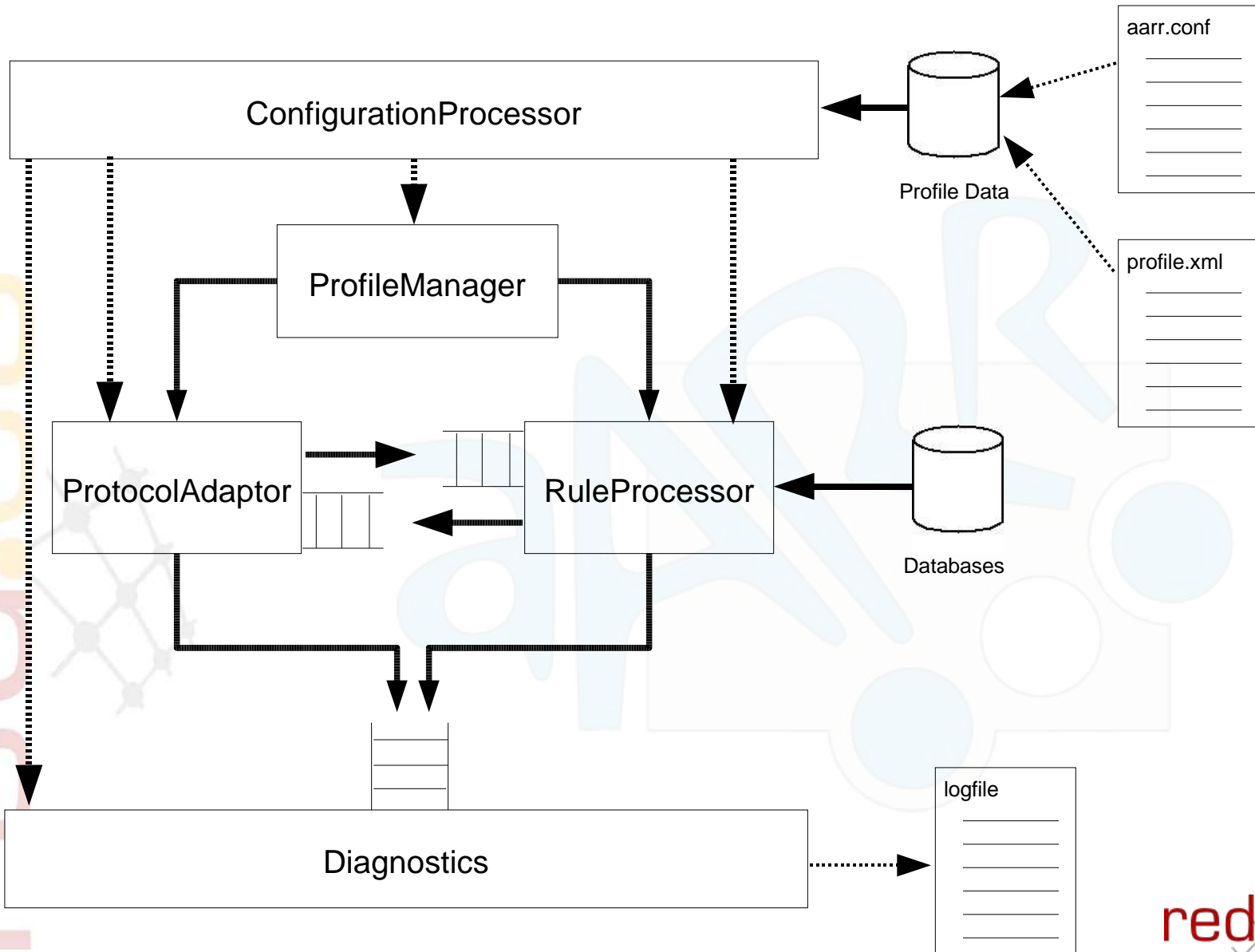
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- Current Status
- AA-RR Architecture (in 1 minute)
- Our idea on how to make AA-RR Grow
 - ... or 'How to write a protocol adaptor'
- Next steps
- Any questions? Ideas? Suggestions?

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- HomePage at <http://www.rediris.es/app/aarr>
- Javadoc API
- Codebase in the RedIRIS CVS
 - <http://cvs.rediris.es/cvsweb/rediris-cvs/?cvsroot=AARR>
- Installation mini-HOWTO
- Working on a 'Guide on how to write new AA-RR protocol adaptors'



- **void init(ProfileManager pm)**
 - Inits the Adaptor using the associated ProfileManager
- **void setConfigProtocol(org.dom.w3c.Element)**
 - Used to set up a configuration for the protocol Adaptor
 - Receives an XML Element with the configuration
- **ObservableVector getQueriesVector()**
 - Returns a Vector with all the queued queries
- **Object getReceivedQueryLabel(Object query)**
 - Returns the identifier (for the rule processor) of the query

- Object **getParam**(Object data, Object query)
 - Returns an array of the parameters received with the query
- Object **createResponse**(Object query, Object[][] data) throws **UnknownUnit**
 - Builds and sends a response
- This interface is too much oriented to the applied test case (SAML responder)
- A more general interface is being implemented

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- **void `init(ProfileManager pm)`**
 - Inits the Adaptor using the associated ProfileManager
- **void `setParam(String name, String [] ids, String [] values)`**
 - Set values for parameter *name* assigning the attributes and values included in *ids* and *values*
 - Avoid the need for XML parsing inside the adaptor

- **String getNextInput()**
 - Provides the label of the first available input element in the queue, removing it from the queue
 - The input element becomes the active one and overrides the previous
- **void pushBack()**
 - Pushes the active element back to the queue
- **String [] getValue(String name)**
 - Provides the value(s) of a given component of the active element
 - All values are java.lang.String
 - The adaptor is in charge of conversions

- **void sendElement(String name, String [] components, String [] values)**
 - Sends an element with the corresponding components and values
 - All values are java.lang.String
 - The adaptor is in charge of conversions
 - Multivalued components can be specified referencing them several times



- **New ProtocolAdaptor interface**
- **PAPI and Shibboleth connection through AA-RR**
 - It will help us to refine the actual architecture
 - We'll have a two-sided AA-RR as a result
- **Improve other AA-RR aspects like**
 - Enhance configuration
 - Incorporate new value sources (bases)
 - LDAP, databases,...
 - Improve existing documentation
 - Make it able to run as a daemon
 - Include other adaptors you could create... :)

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Ideas?

Comments?

Suggestions?