

Data Portal Version 3

Access Control Module Web Service

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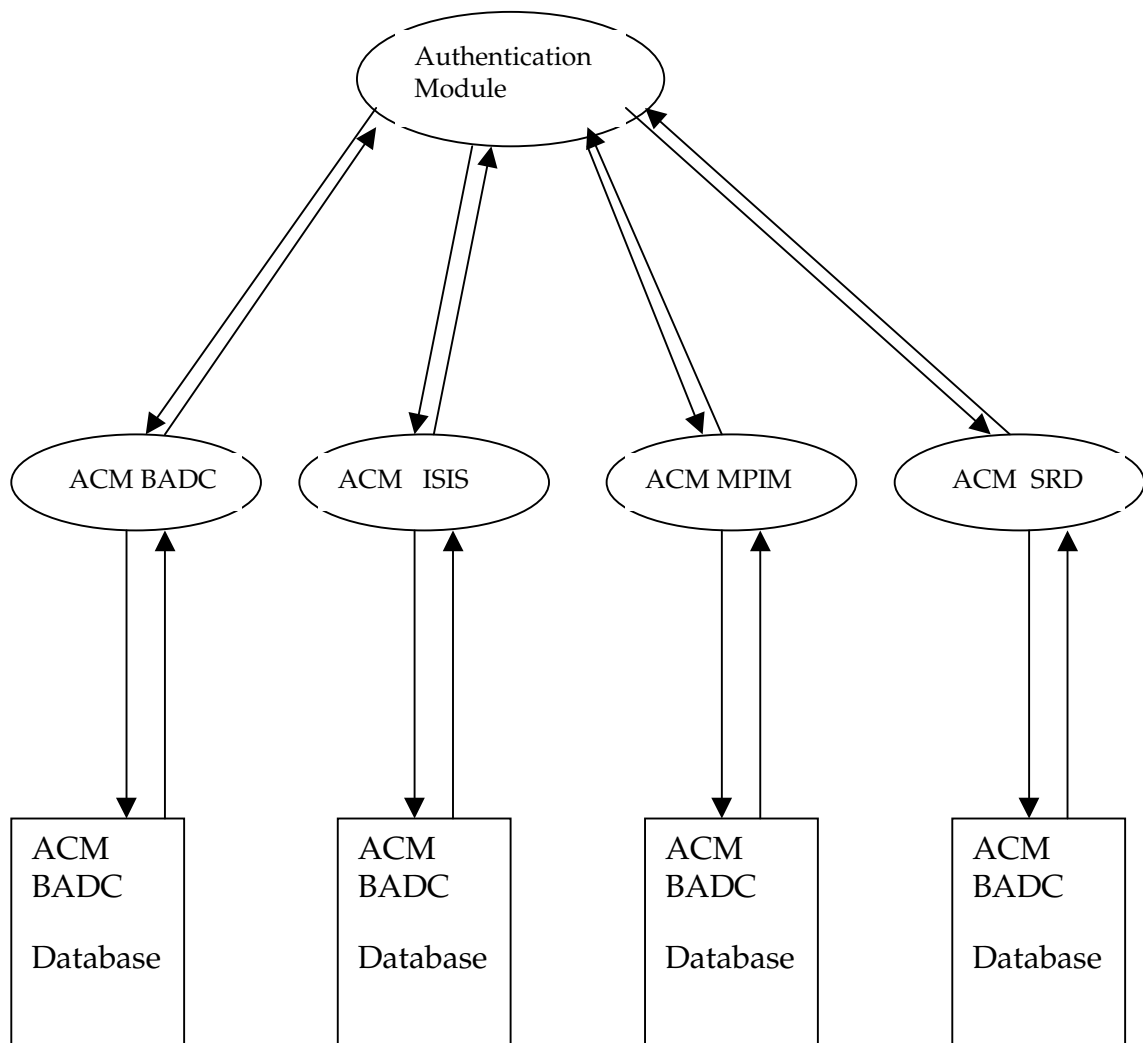
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Data Portal – Access Control Module Web Service

1. DESCRIPTION

The Access control Module resides on the resource provider's site. It handles request from the Authentication Module and returns back the list of Access privileges of the user back to the Authentication module after querying the access rights of the user from the database.

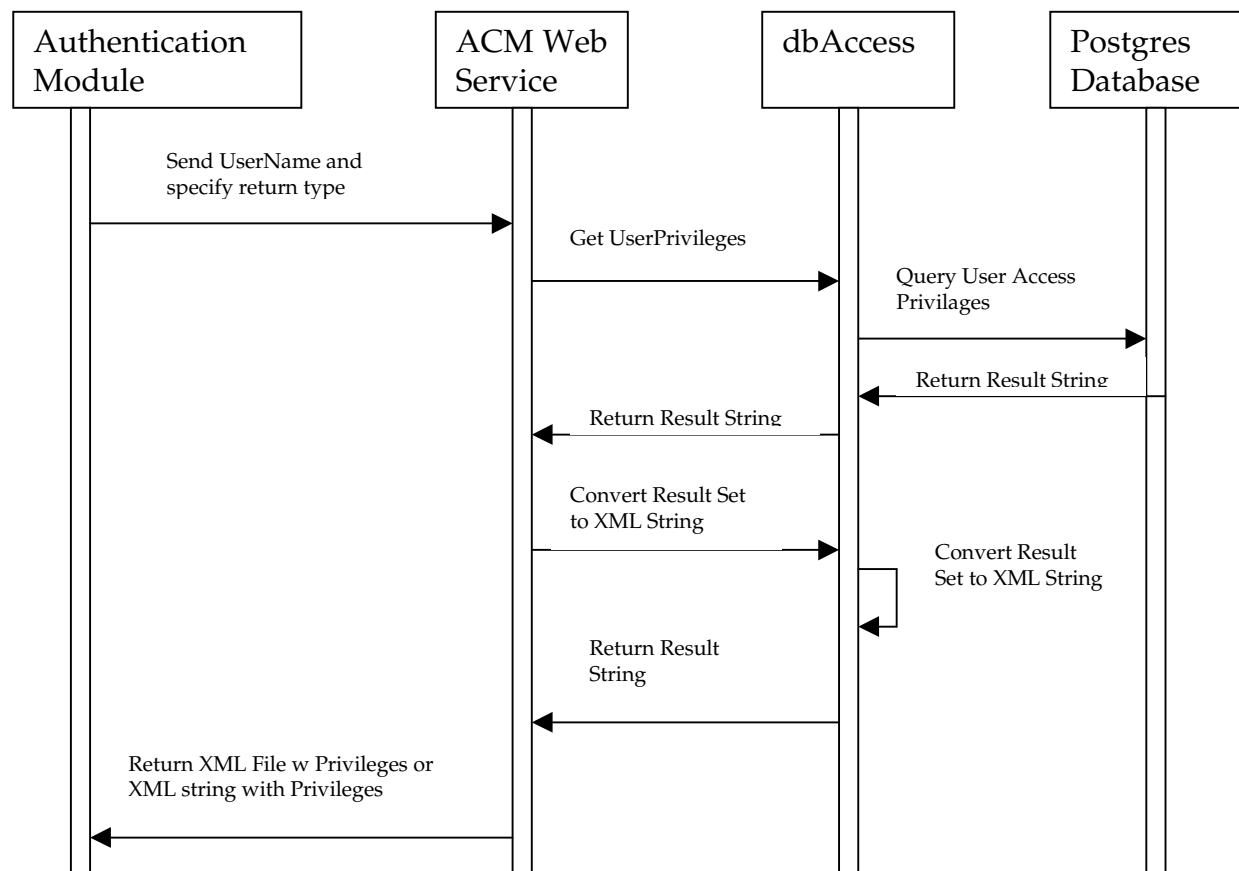


ACCESS CONTROL MODULE

1.1 Description:

Hosted on:	escvig3.dl.ac.uk
ACM package name:	uk.ac.clrc.dataportal.acm
Packages used :	org.jdom.* ; ac.dl.xml.*; java.sql.*; java.io.*
Module requesting service :	Authentication and Authorization Module
Module location :	Along with the Resource Layer (on Client side)
Module Input parameters:	username, return type
Module Output parameters:	XML string with user privileges or XML file with user privileges

1.2 ACM Sequence Diagram



1.3 Database Description:

Hosted on : postgres server on esc3.dl.ac.uk

Database Name: acmbadc

acmisis

acmpim

acmsrd

Number of tables : 1

Table name : userTable

UserTable description :

Username :: string;

Facility :: boolean;

Metadata :: boolean;

Data :: boolean;

1.4 CVS status:

Hosted on : tcs10.dl.ac.uk

CVS Module name: dataportal/acmbadc

dataportal/acmisis

dataportal/acmpim

dataportal/acmsrd

1.5 Directory Structure of Access Control Module

/build.properties

/build.xml

/docs/

/src/

/src/uk/ac/clrc/dataportal/acm
/web
/web/acm.properties
/web/server-config.wsdd
/web/web.xml
/web/WEB-INF
/web/WEB-INF/lib
/web/WEB-INF/classes