

**PACSCL/CLIR Hidden Collections Processing Project, 2009-2012**  
**Installing the Archivists' Toolkit and MySQL and Connecting the Two**  
**Step-by-step Instructions**

Due to changing software, there is no guarantee that software will be available at the sites given in this document.

**Step 1. Install the Archivists' Toolkit**

Open: [http://archiviststoolkit.org/download/release/2\\_0](http://archiviststoolkit.org/download/release/2_0)

Select appropriate operating system and a box will pop up

Click "Save file"

In Downloads box, double click on installArchivistsToolkit2\_0u12.exe

Click "Run"

A box will open that says "Install anywhere is preparing to install"

All defaults are fine (pay attention to the location on your computer that AT is installed)

**Step 2. Install MySQL**

Open [www.mysql.com](http://www.mysql.com)

Click on Downloads

Click on MySQL 5.1—Generally Available (GA) release for production use  
(located under MySQL Community Server)

Scroll Down until you see Windows, click

AT Windows MSI Installer (x86), click on "Pick a Mirror"

Select a city that has "http" following it and downloading will begin

When downloading is done, right click on the downloads box to see where the file has been saved and make a note of its location {ex. C:\My Downloads}

Go to: <http://dev.mysql.com/downloads/gui-tools/5.0.html> or do a search for "GUI tools 5.0". Click on: Windows (x86) 5.0-r17 16.9M

Click on "Pick a Mirror" and select a city that has an "http"

Click "Save File"

Double click on Download for mysql-5.1.40-wind32.mis and it will say ...

"Preparing to Install" and open a wizard

Click "next;"

Click "Complete," then "next;"

Click "Install,"

Click "next," two times;

Click "Configure the MySQL Server now," do **NOT** register.

Click "Finish."

A Configuration wizard will pop up:

Click "next;"

Select "Detailed Configuration" then "next;"

Select "Developer's Machine," then "next;"

Select "Multifunctional Database," then "next;"

Accept default drive and path settings, then "next;"

Select "Decision Support (DSS)/OLAP," then "next;"

Select "Enable TCP/IP Networking," Port number "3306" and "Enable Strict Mode," then "next;"

Select "Best Support of Multilingualism," then "next;"

Select "Install as Windows Service" and "Include Bin directory in Windows PATH," then "next;"

Select "Modify Security Settings," enter and confirm a "Root" password. (Make a note—it will be needed to enter the MySQL command editor). Then click "next;" (Select "Enable root access from remote machine only if you are installing in a network environment)

Click "Execute"

Click "Finish"

### **Step 3. Create a blank database.**

Click on download for mysql-gui-tools-5.0-r17-win32 ...

A wizard will open ... all defaults are fine

Click "Install;"

Click "Finish"

Open MySQL Tools for 5.0 in your Program Files:

Double Click on MySQLAdministrator.exe

Fill in the following info:

Stored Connection: MYSQL

Server Host: localhost

Port: 3306

Username: root

Password: (whatever you selected)

Click "Okay."

On the left sidebar, click on Catalogs:

A Box will open on the left sidebar with Schemata search box. Right click on the box below that and select "Create new schema" and type in a name for the database. Remember the name! It will be used to access the database by users and administrators

Create User Accounts:

On the left sidebar, click on "User Administration"

Enter the username for the administration account (eg. ATadmin) which will be used only for initializing the database, upgrading and maintenance

Select a password.

Click "Apply changes"

At top, click on "Schema Privileges" and assign all available rights to the administrator

Click "Apply changes"

Click "Add new user" again for the user account (eg. ATuser) which will be distributed to the users of the system

Select a password

Click "Apply changes"

At top, click on "Schema Privileges," and assign "Select," "Insert," "Update," and "Delete and Lock\_tables" privileges

Click "Apply changes"

Close MySQL Administrator

**Step 4. Initializing the Database using the Archivists' Toolkit Maintenance Program.**

Open Program File/Maintenance Program 2.0.exe

Fill in the following:

Connection URL: jdbc:mysql://[address of server/ip address]:3306/[name of database]

Username: administrator's name

Password: administrator's password

Database: MySQL

Repository Name and Short name: Full name of repository and acronym

Username: User's name

Password: User's password

Confirm user's password

Click "Finish"