Automated Dead Mail Deletion AppV1:

Tool Inventor:

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Introduction :

This application help domino administrators in clearing/purging the dead emails from one or more domino servers of their organisation automatically.

Design Algorithm :

1) The application server first read it's configuration document, and take a connection to that server.
2) The application also reads the configuration document to understand, how many mail.box are available on the server. The application would work on all the mail.box , that were mentioned on the configuration document
3) It then connects to the configured servers, and open the mail.box , and read for the emails, which has the field value RoutingStatus=Dead. If a message on the mail.box has that field , then it considers that as a Dead Message, and take a copy of that message, before deleting it from the server.
4) The collected dead mails on all the servers, are available on the view "Purged Dead Mails"
5) The collected dead mails can be deleted periodically, or if administrator thinks that the dead mail is needed , he can move it back to the server .

How to use this application :

The application has been designed, in such a way that the users of this application would need to do only limited steps for configuration.
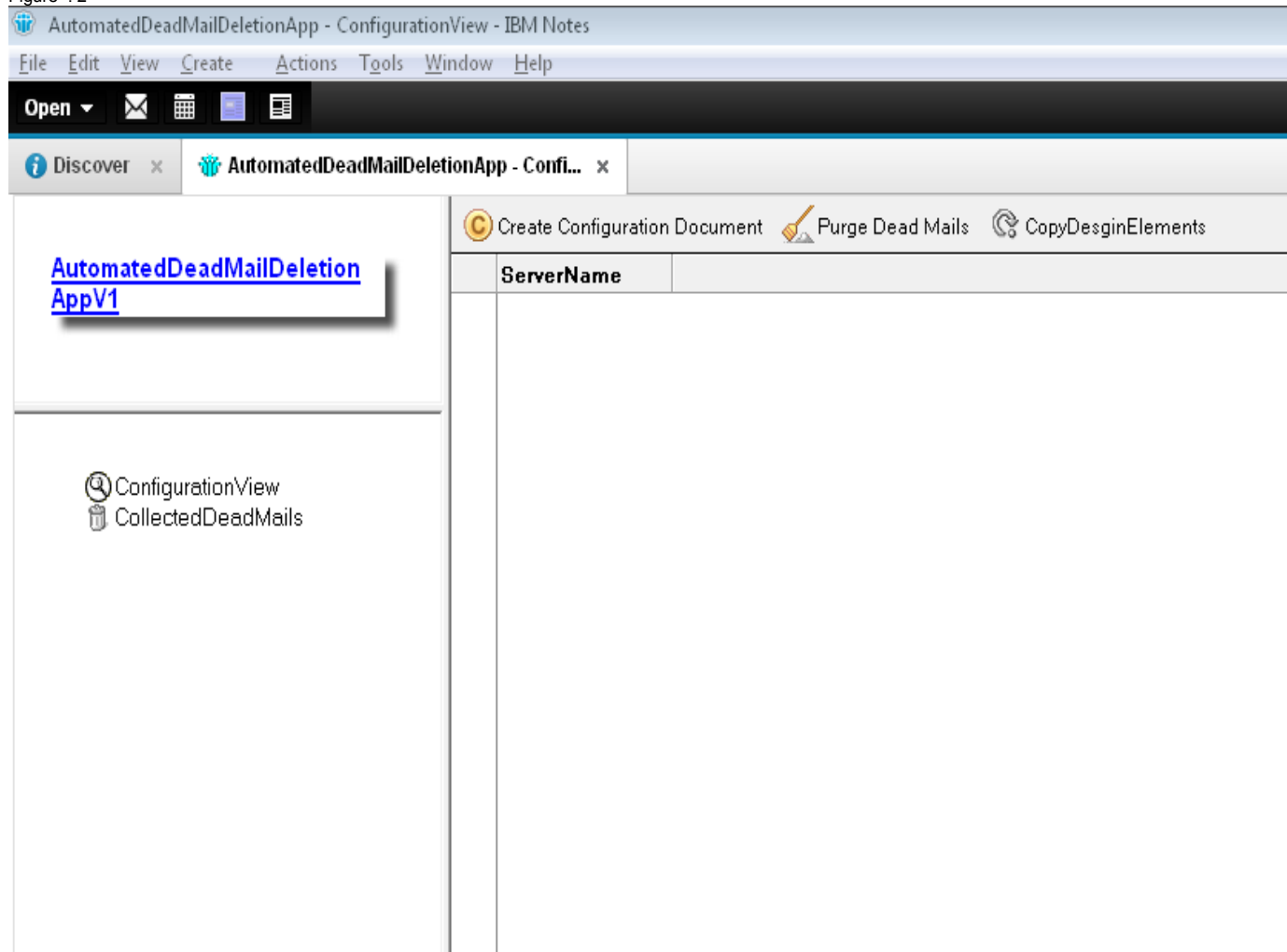The below is the home screen of the database .

Figure : 1

1) Create a configuration document for all of your mail servers :

    a) You should create one configuration document for each server in your domain.
Go to the configuration view , and click on "Create Configuration Button" .
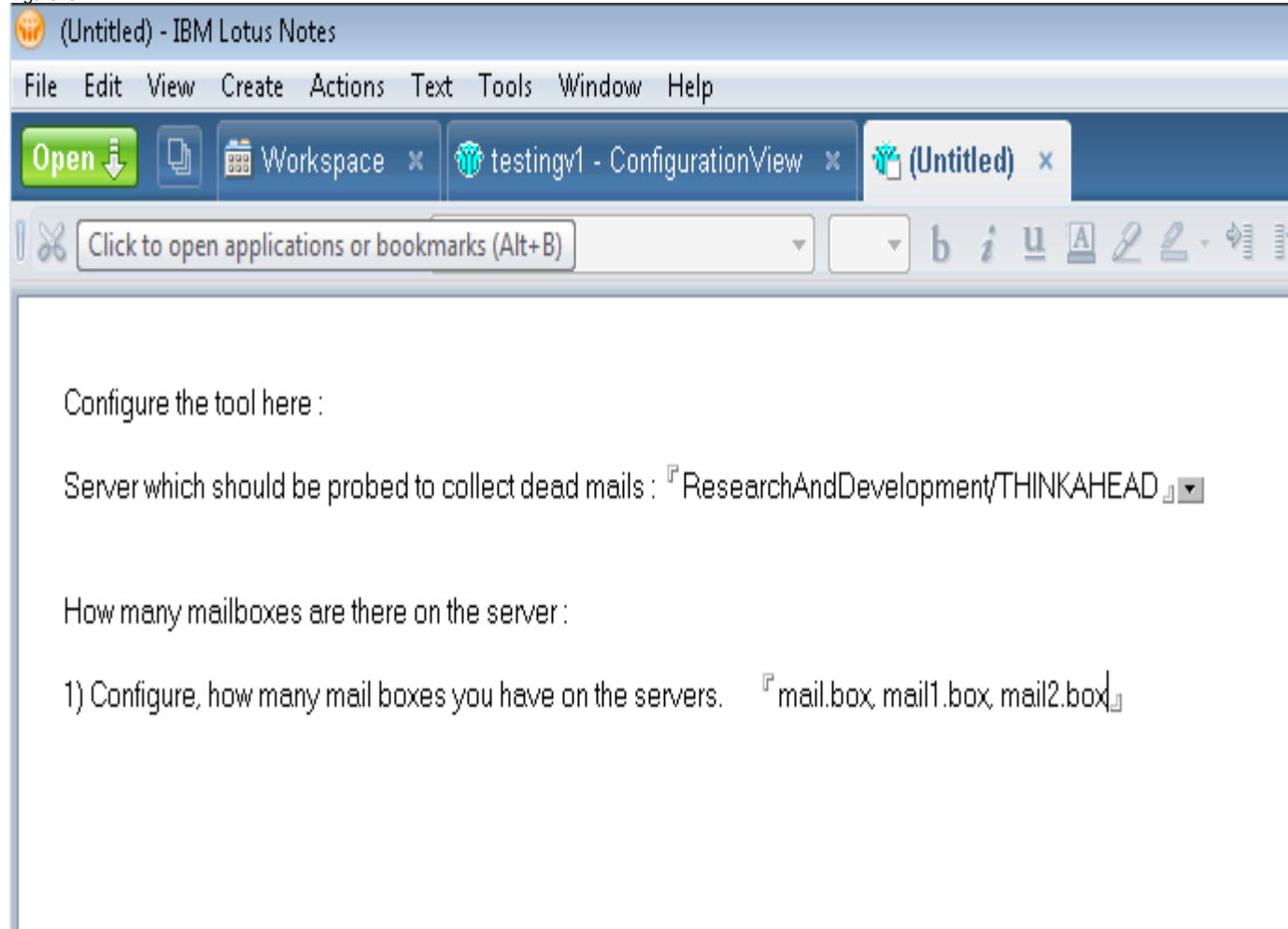
Figure : 2

b) This action will open up the configuration document for you, and select the servers and write down the filenames of the mail.box on that server.   A sample is shown below . You can separate the file names of the different mail.box , by a comma (,) or by a semi-colon .

You should save the configuration document, by pressing CTRL + S on your key-board.

Figure :3

Please be advised, you should create one configuration document for each of the domino servers on your domain.

2) **_Run the agent to purge dead mails from all the configured servers :_**

   Once your configuration has been completed, click on "Purge Dead Mails " . This action will connect to all the configured domino servers, and look for the mail.box to delete the dead mails . It takes a copy of the document, before attempting to delete the dead mails.
   The collected dead mails can be seen, on the view "CollectedDeadMails"
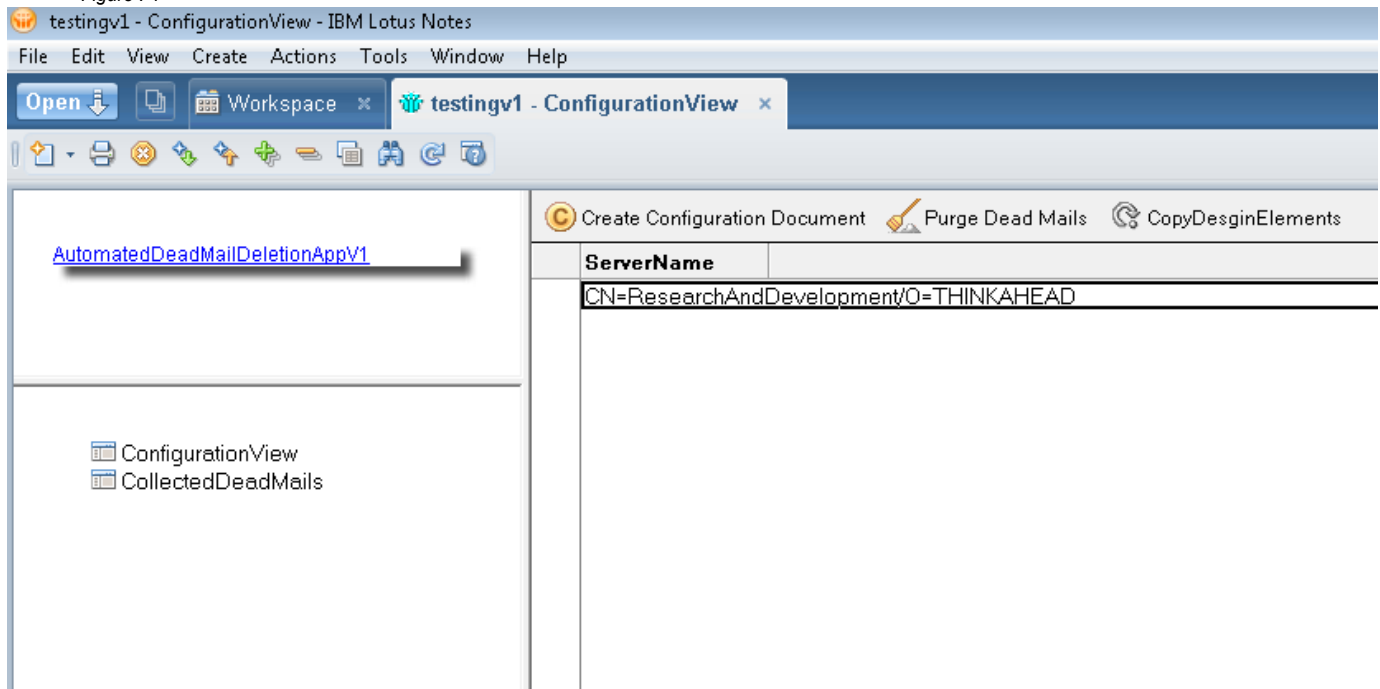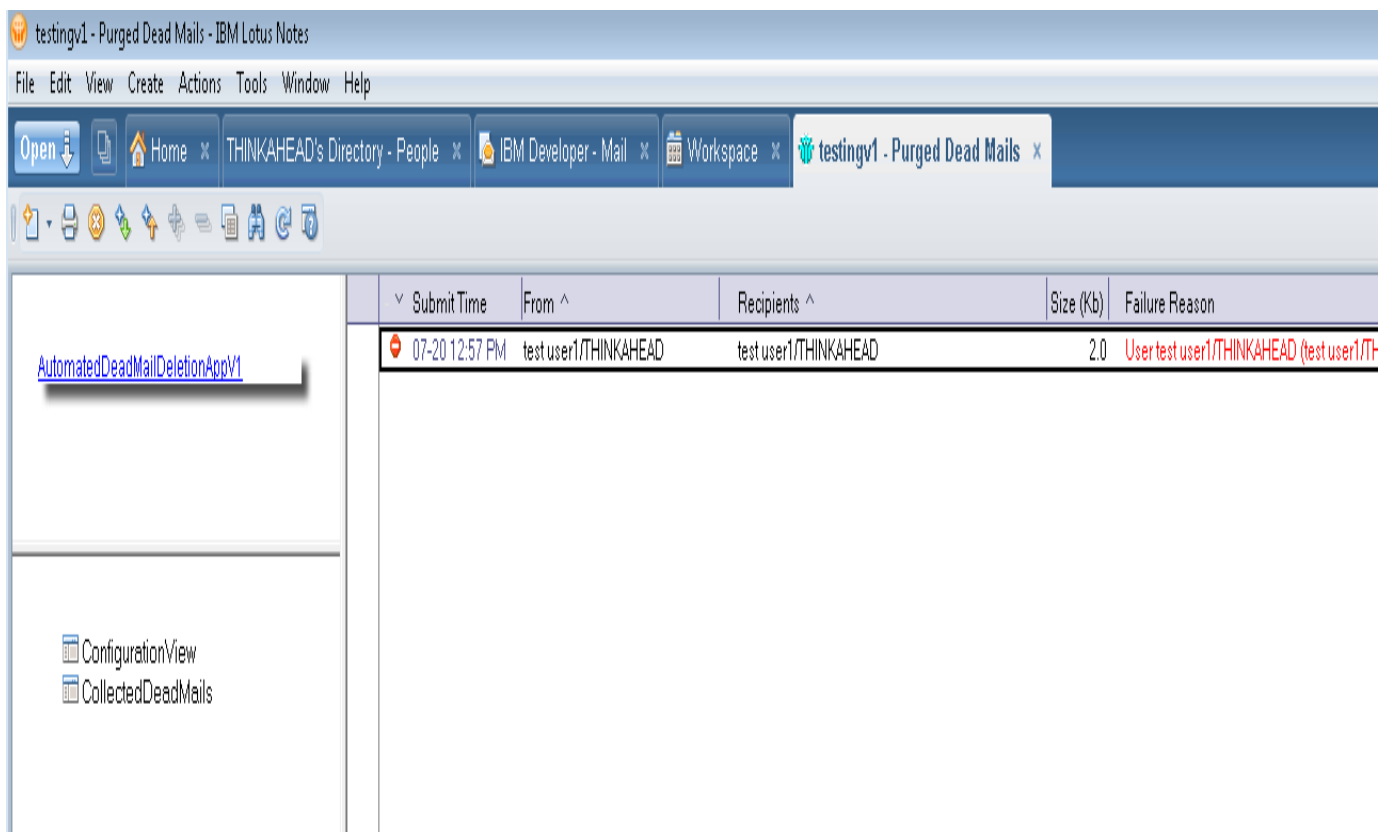
Figure : 4

Figure : 5

3) *Scheduling the agent to collect automatically :*

You can also schedule the agent to run automatically, at night hours, when the mail.box is not busy. To do that, open the database in designer client and go to codes --->Agents. Open the Collect Dead Mail agent and change the agent trigger type from event to On Schedule.
Click on Schedule button, which will help you to choose the time, when the agent has to be run. We recommend to run the agent in the night hours, when the mail server is less loaded and the application can run to collect the dead mails once in a day.

Figure :6