

Peregrine User Guide

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Project Peregrine

UI Documentation

3/ Message Inquiry Web Page

This section will help users to understand about the features available for users in the message inquiry web page.

This is the sample of the message inquiry web page:

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Database Installation

To install a fresh Peregrine database, do the following from the machine running your Microsoft SQL Server (2008):

1. With the Peregrine solution open in Visual Studio, build the PeregrineCreateDB project.
Note: you may need to add references to Microsoft SQL Server SDK assemblies (C:\Program Files (x86)\Microsoft SQL Server\100\SDK\Assemblies).
2. Run the PeregrineCreateDB project.
3. When prompted provide a name for the Peregrine database.
4. When prompted decide whether or not to install the database.
5. When prompted decide whether or not to install a schedule job for database maintenance. note: Your SQL Server Agent must be currently running for this to install correctly.

Now on the server where you will be running the Peregrine web service:

1. Open the Peregrine solution in Visual Studio.
2. In the Server Explorer, add the databases you just created.

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3. In the PeregrineDB project, open up the Properties for PeregrineDB.dbml.
4. Change the Connection to the database you just added in the Server Explorer.
5. Rebuild the Solution.

Database Maintenance

A scheduled job for database maintenance may be installed using the Peregrine database installer (See Database Installation). This job keeps a given number of the most recent messages, deleting the excess. It also deletes orphaned Processes and Jobs in the database.

The job is located on your SQL Server under SQL Server Agent->Jobs, named like PeregrineDBCleanup, depending on the database name you provided during installation. Here you can change the scheduled time, and the number of messages to keep on cleanup. To change the number of kept messages go to Job Properties->Steps and edit the step listed. You should see something like this:

```
EXEC PeregrineTestDB.DeleteOldMessages 1000;
GO
```

Here, 1000 is the number of messages that will be kept when this job is executed. Change this number to your liking.

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UI User Guide

1. Introduction

Peregrine UI is a web-based application which displays data fetched from Peregrine API. The data is reloaded at a refresh rate which can be set up by the user.

Peregrine UI has 2 pages:

- The Main Page allow user to view data by processes. User can view process name, process state, view jobs and messages belong to a particular process.
- The Message Inquiry Page: Display all messages with their contents in one table.

2. Main Page

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2.1 Overview

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Peregrine Main Page
localhost:35435

Welcome To Peregrine

[Message Inquiry](#)

Processes Summary

Search:

Process Name	Last Message	Message Date	Process State	Current Job's Progress
Sample Process wil2 52877 Sample Process	Sample Process 52877: Process shut down	2012-02-27 14:43 PM		
Sample Process 52878	Sample Process 52878: Job 0 For Sample Process 52878: Job Completed	2012-02-27 14:43 PM		100%
Sample Process Wilson special 52879	Sample Process 52879: Process shut down	2012-02-27 14:42 PM		
Sample Process 52943	Sample Process 52943: Process Started	2012-02-27 14:43 PM		
WilsonSample Process wil 52876	Sample Process 52876: Job 8 For Sample Process 52876: 16 of 40 job tasks completed	2012-02-27 14:43 PM		40%
Sample Process 52944	Sample Process 52944: Job 0 For Sample Process 52944: Job started with 55 total tasks	2012-02-27 14:43 PM		0%
Sample Process 52945	Sample Process 52945: Process Started	2012-02-27 14:43 PM		
Sample Process 52946	Sample Process 52946: Process Started	2012-02-27 14:43 PM		
Sample Process 52947	Sample Process 52947: Process Started	2012-02-27 14:43 PM		
Sample Process 52948	Sample Process 52948: Process Started	2012-02-27 14:43 PM		
Sample Process 52949	Sample Process 52949: Job 0 For Sample Process 52949: Job started with 14 total tasks	2012-02-27 14:43 PM		0%
Sample Process 52950	Sample Process 52950: Process Started	2012-02-27 14:43 PM		

[Click a process to view info...](#)

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localhost:35435/Home/MsgInquiry

Peregrine Main Page
Peregrine (Running) - Mi...
mainpage - Paint

8:57 PM

3/ Message Inquiry Web Page

This section will help users to understand about the features available for users in the message inquiry web page.

This is the sample of the message inquiry web page:

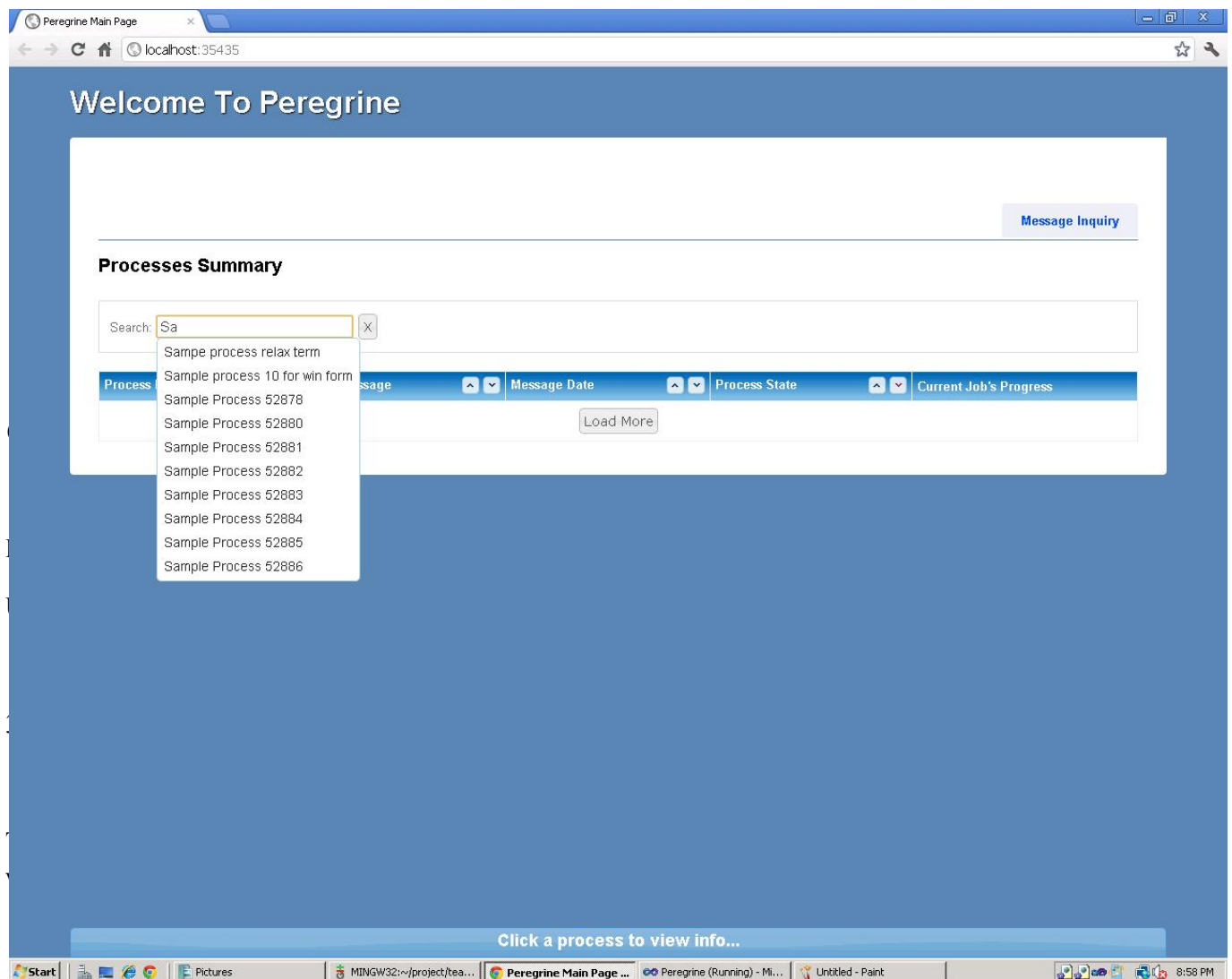
The display table is divided into six column:

-
- Message Content : Content of a message
-
- Process Name : Name of the process that message is belonged to.
-

The Main Page displays a table which shows currently working processes. The table shows includes Process Name, Process State, and information about its latest message and job

2.2 Searching

The Search textbox provides function of searching process names. Type the process name into the box. An auto-complete mechanic will show appropriate results.



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-

Click on a result and the table will display your searched process. Otherwise, click on the “X” button next to the “Search” textbox to cancel the Search.

You can go back to the full table simply by deleting all content in “Search” textbox, then press Enter.

2.3 Sorting

Click on arrow buttons of any column to sort that column.

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Sample Process 52944	Sample Process 52944, Job 0 For Sample Process 52944: Job started with 55 total tasks	2012-02-27 14:43 PM		0%
Sample Process 52945	Sample Process 52945: Process Started	2012-02-27 14:43 PM		14
Sample Process 52946	Sample Process 52946: Process Started	2012-02-27 14:43 PM		
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Sample Process 52950	Sample Process 52950: Process Started	2012-02-27 14:43 PM		

Click a process to view info...

localhost:35435/Home/MsgInquiry

Start

MINGW32:~/project/tea...

Peregrine Main Page ...

Peregrine (Running) - M...

mainpage - Paint

8:57 PM

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This is the sample of the message inquiry web page:

The display table is divided into six column:

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2.4 View detail

Click on a line to open the Process Detail tab. The line's color will be changed and a hidden tab appears with a table inside.

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WilsonSample Process wil 52676	Sample Process 52676, Job 8 For Sample Process 52676: 16 of 40 job tasks completed	2012-02-27 14:43 PM	⚠	40%
Sample Process 52944	Sample Process 52944, Job 0 For Sample Process 52944: Job started with 55 total tasks	2012-02-27 14:43 PM	✅	0%
Sample Process 52945	Sample Process 52945: Process Started	2012-02-27	✅	

Copyright 2012 Sample Process 52678 16

Show Jobs

Message Content	Priority	Category	Date
Sample Process 52678, Job 0 For Sample Process 52678: Job Completed	1	4	2012-02-27 14:43 PM
Sample Process 52678, Job 1 For Sample Process 52678: Job started with 96 total tasks	1	4	2012-02-27 14:43 PM
Sample Process 52678, Job 0 For Sample Process 52678: Job started with 6 total tasks	1	4	2012-02-27 14:42 PM
Sample Process 52678: Process Started	1	0	2012-02-27 14:42 PM

Load More

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If user click on another line, the new selected line changes color and the Detail Tab was updated with information of the new selected process

To close the Detail Tab, simply click on its top. The tab will be closed and the page goes back to original state.

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X

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Sample Process 52878

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Click on “Show Jobs” button to view the jobs belong to the process. Click on “Show Messages” button to go back to Messages table.

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Sample Process 52878

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Load More

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MINGW32:~/project/tea...

Peregrine Main Page ...

Peregrine (Running) - Mi...

main_autocomplete - Paint

8:59 PM

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