

Logs Table



Logs History

[Home](#)

Show entries

[Transactions](#) [Exceptions](#) [Errors](#)

Search:

Type	Description	Time
	Message: Fail on connect on database.	Thu, Apr 30, 2015 04:36 PM
	Thermostat: West . Field: Setback Heat . Old Value: 68 . New Value: 71 .	Wed, Oct 16, 2013 06:30 AM
	Thermostat: East . Field: Date/Time . Old Value: Wed, Oct 16, 2013 07:30 AM . New Value: Wed, Oct 16, 2013 07:30 AM .	Wed, Oct 16, 2013 06:30 AM
	Thermostat: South . Field: Date/Time . Old Value: Wed, Oct 16, 2013 06:30 AM . New Value: Wed, Oct 16, 2013 07:30 AM .	Wed, Oct 16, 2013 06:30 AM
	Thermostat: North . Field: Date/Time . Old Value: Wed, Oct 16, 2013 07:30 AM . New Value: Wed, Oct 16, 2013 07:30 AM .	Wed, Oct 16, 2013 06:30 AM
	Thermostat: West . Field: Date/Time . Old Value: Wed, Oct 16, 2013 07:27 AM . New Value: Wed, Oct 16, 2013 07:30 AM .	Wed, Oct 16, 2013 06:30 AM
	Thermostat: South . Field: Date/Time . Old Value: Wed, Oct 16, 2013 07:30 AM . New Value: Wed, Oct 16, 2013 07:30 AM .	Wed, Oct 16, 2013 06:30 AM
	Thermostat: North . Field: Date/Time . Old Value: Wed, Oct 16, 2013 07:30 AM . New Value: Wed, Oct 16, 2013 07:30 AM .	Wed, Oct 16, 2013 06:30 AM
	Thermostat: West . Field: Date/Time . Old Value: Wed, Oct 16, 2013 07:30 AM . New Value: Wed, Oct 16, 2013 07:30 AM .	Wed, Oct 16, 2013 06:30 AM
	Thermostat: East . Field: Date/Time . Old Value: Wed, Oct 16, 2013 07:29 AM . New Value: Wed, Oct 16, 2013 07:30 AM .	Wed, Oct 16, 2013 06:30 AM

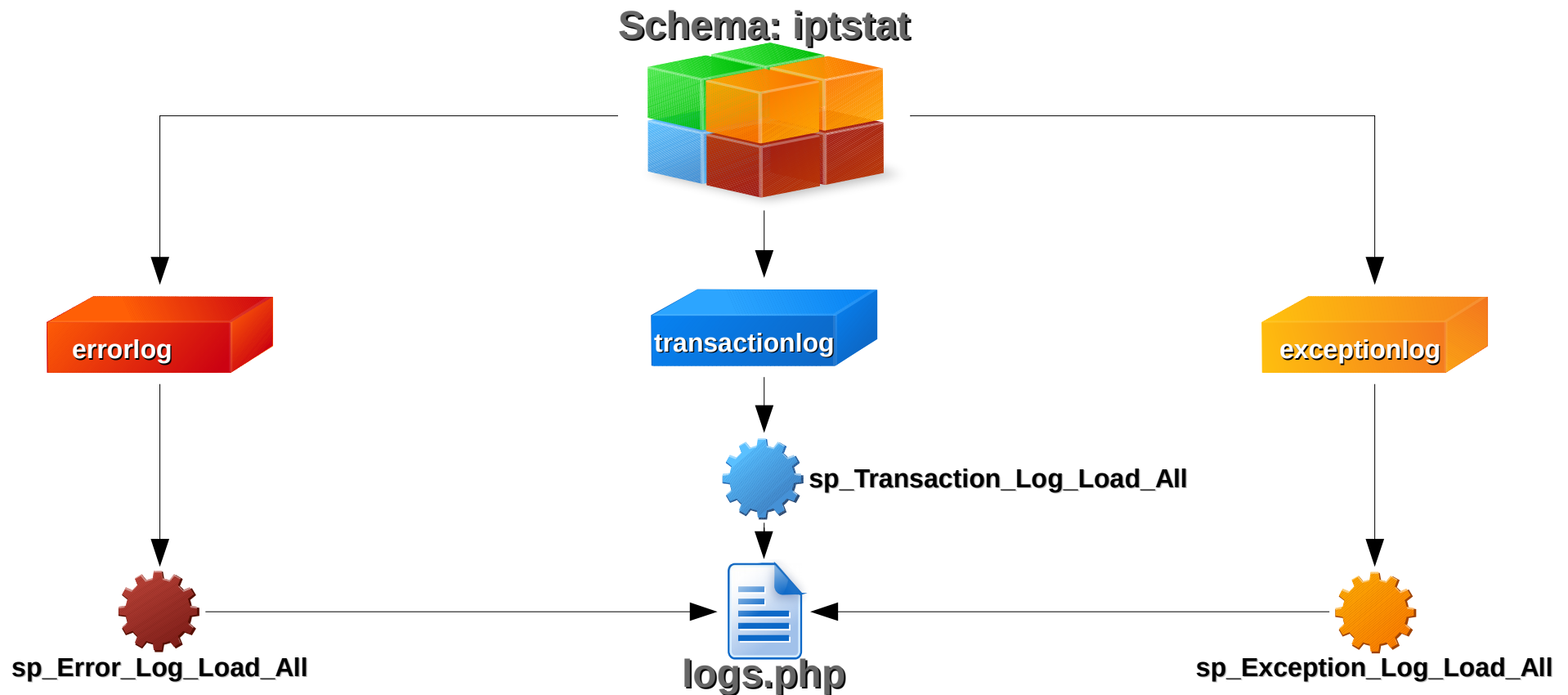
Showing 1 to 10 of 50 entries

Previous Next

Logs.php

What is it?

- A web page that will merge all current logs GNU Remote Control



Logs.php

What is it?

- Shows a table that filters the data by category

1 Entries amount filter

2 Buttons filter

3 Strings filter

4 Arrow sorter

5 Paging status

6 Paging buttons

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Showing 1 to 10 of 50 entries

Previous 1 2 3 4 5 Next

Logs.php

What is it?

1 Entries amount filter: filters the number of records shown in the table.

2 Buttons filter: filters the records by category (**Transactions**, **Exceptions** or **Errors**). When enabled the category button filters the same will be shown, otherwise the filters and will be removed from the table.

Logs.php

What is it?

3 String filter: filters out any record not removed in the table (even if it is hidden due to paging) as the characters are inserted into the text box.

4 Arrow sorter: sorts the records of the column according to your data (icons, strings or dates).

5 Paging status: shows the current state of paging (total number of records and which are being shown).

Logs.php

What is it?

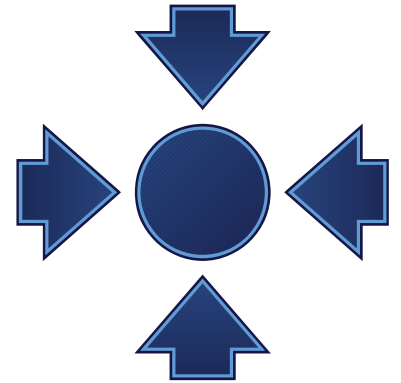
6 Paging buttons: allows to navigate between the table records per page (the number of pages is in accordance with the number of input records).

Logs.php

Why is it done?

To:

- centralize the system logs in just one page, simplifying the way in which they are accessed and displayed to the end-user
- standardize the reading and search data through predefined columns (**Type**, **Description** and **Date**)



Logs.php

Where it will be done?

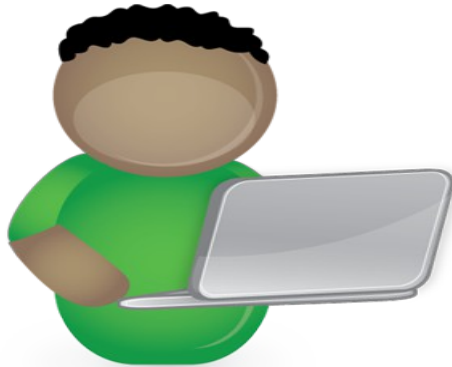
It will be in place of the current **transactionhistory.php** page, not in order to replace it, but in order to complement it.



Logs.php

Who will use?

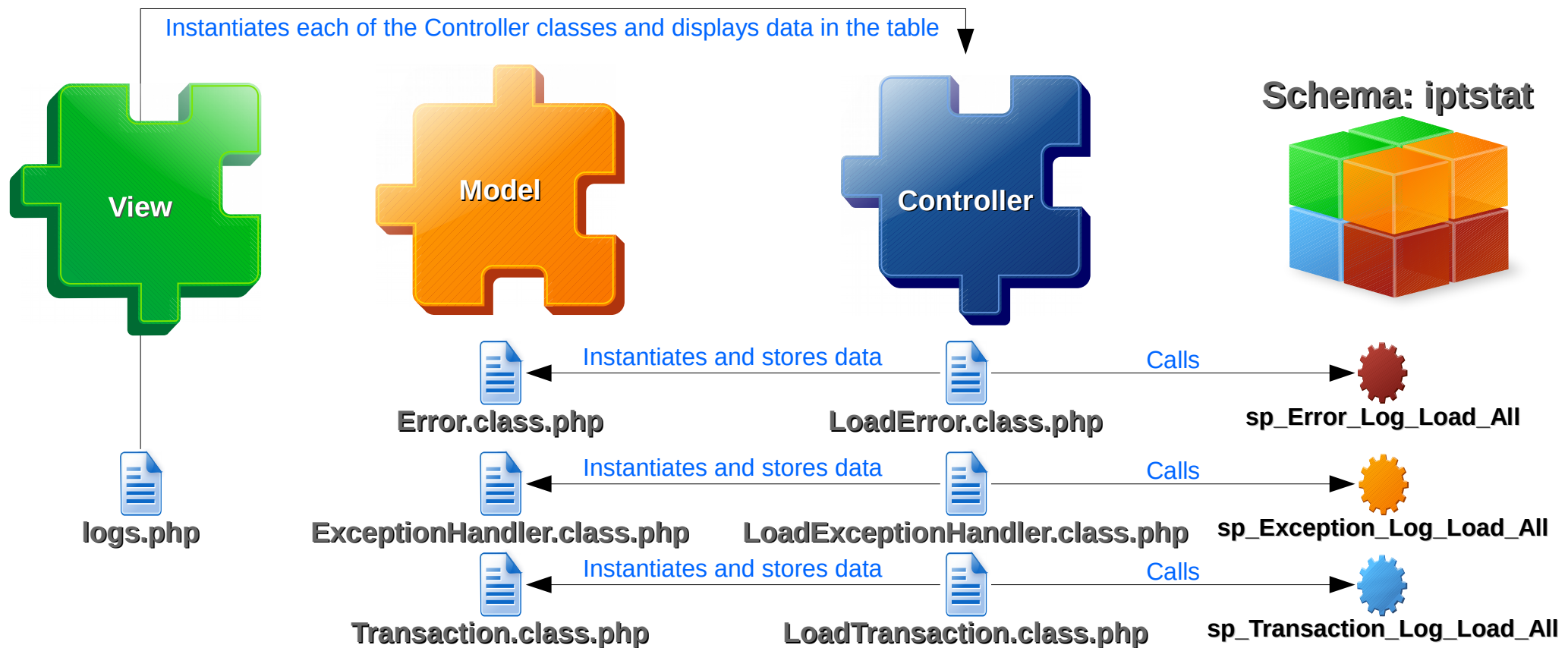
Non-technical people to see what is happening with the GNU Remote Control system.



Logs.php

How will it be done?

- Code in the MVC pattern and object-oriented paradigm



Logs.php

How will it be done?

- Using **DataTables** plug-in for the jQuery Javascript library



Because it:

- ◆ supports almost any data source: DOM, Javascript, Ajax and server-side processing
- ◆ is a professional quality: backed by a suite of 2900+ unit tests
- ◆ Is free open source software (MIT license)

References

- **DataTables Table plug-in for jQuery.** Source: <https://www.datatables.net> Accessed on: May 10, 2015.
- **Web Console.** Source: https://developer.mozilla.org/en-US/docs/Tools/Web_Console Accessed on: May 10, 2015.
- **Transaction History Test.** Source: <http://gnurc.viniciusmadureira.com> Accessed on: May 10, 2015.