Bridge : Postal

0. PREREQUISITE

While we have endeavored to make the extension as easy as possible and while the demo code included with this extension will give you a decent grasp thereof, to fully utilize it to it's full potential it is recommend that you study the following as an in-depth manual of what this extension is able to offer you:

WP_Query | Class | WordPress Developer Resources

1. What is Bridge : Postal?

The Bridge : Postal extension, to put it as simply as possible, is trying to be "The C# version of the WordPress WP_Query class".

1.1 Why?

The WP_Query object can accept a great many parameters in the form of arrays of arrays of nested arrays of arrays [continue adding "of arrays" here] in addition to normal variables and even more arrays. It is the primary way of fetching posts, used through all of WordPress and it's many, many plugins. No bridge with WordPress would be complete without this…

1.2 How?

This extension contains (nearly) all the various parts of a WordPress WP_Query object

When doing a query on the website one would normally create complex queries using either in-line parameters or by specifying the various parameters as separate variables first and then passing in those prepared variables when making the query.

This extension works in much the same way in that it contains all the various parameters one might want to pass the WP_Query object but it separates them into distinct and related class members.

To build up simple or complex queries, first create an instance of the WUPostalQuery() class and then call the method(s) of it's respective members to populate each member with whatever values you require. Any members you don't need, simply leave them be.

See the demo functions for examples. To make life simpler the demos use the exact same queries as the sample code at the link above. See how they do it on the website then see how to do the same in Unity

2. AT IT'S CORE

The object you will be creating to form your query is the WUPostalQuery object.
This contains the following members:
- PostBasics
- Date
- Author
- Category
- Tags
- Taxonomy
- Pagination
- Caching
- MimeTypes

Some of the members, like PostBasics just contain normal fields like PostId, PostParent and Slug. The rest feature complex nested array systems. By organizing the arrays into these members this has already significantly simplified the process of forming your query but to simplify it even further the functions inside each member have been left as identical as possible so you can more easily become familiar with their use.

Unfortunately, WP_Query accepts various arrays as parameters while NOT allowing some to be used at the same time as others. At the same time, some elements can take either a value or an array while others always take an array of arrays even if you want to pass it only one variable.

The Bridge : Postal extension makes it as easy as possible to formulate your query but knowing which parameters are incompatible with which and which require special care when used, that will require you to study the WP_Query object at the link provided at the top of this document.

TIP:

It might be handy to keep the link proved at the top of this page open while you construct your queries. This way you can more clearly see what all the many options are, what ulterior methods you can use to do the same thing and what simply cannot be used together with what else