

PySyun Uniswap Source

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Download URI: [pysyun_uniswap_source.pdf](#)

Functional requirements

The source class should accept the Uniswap pair address and blockchain connection settings in the constructor.

The source class should extract **reserve0** and **reserve1** values from this pair in the **process** method. Like for any other Pysyun Pipeline sources, the **process** method should return a timeline. In this particular case, the timeline of a single element - the current date and reserves value as a JSON document.

Non-functional requirements

- The project source code can be forked from this repository.
- The library should be installable using PIP.
- The library name: "**pysyun_uniswap_source**".
- The main class name: "**UniswapV2Source**".
- Example Pysyun Timeline source implementation (for reference):
<https://github.com/pysyun/pysyun-timeline/blob/master/pysyun/timeline/filters.py#L20>
- The library should be tested from a Google Colab, illustrating that the functional requirements are met.