

Published Transformation Balance

Joins ETH and Token Balance Data

Input:

- Data Content:
 - ETH Balance Data
 - Token Balance Data
- Data Type: Parquet
- Data Destination: Structured Layer

Output:

- Data Content: Final Balance Data
- Data Type: Parquet
- Data Destination: Published Layer

** Notebook is simply for reference and only takes in a sample collection

```
from Azure_configs import structured_data_path, published_data_path
import datetime
```

```
def Published_transformation_balance():

    today=datetime.date.today().strftime('%m-%d-%y')

    struct_token_DF=spark.read.parquet(f'{structured_data_path}/{today}/Token_Balance/')
    struct_ETH_DF=spark.read.parquet(f'{structured_data_path}/{today}/ETH_Balance/')

    Final_Balance_DF=struct_ETH_DF.join(struct_token_DF,struct_ETH_DF['owner_address']==struct_token_DF['owner_address'],'left').drop(struct_token_DF['owner_address'])
    Final_Balance_DF.cache()
    Final_Balance_DF.show(10,truncate=False)
    Final_Balance_DF.write.mode('overwrite').parquet(f'{published_data_path}/{today}/Final_Balance/')

    return
```

Published_transformation_balance()

owner_address	ETH	WETH	USDC	Tether
0x040da2c464933005b6d1ffeccec7fb4025dc9ddb	0.35	0.00	0.00	0.00
0x04ae2f0bda04f1405991d91c2e8420d6148369ea	0.21	0.00	0.00	0.00
0x06e63138f3241a420829bc125e6cb6bebf88c2c2	0.58	0.00	0.00	0.00
0x0a8f4037729accb854da856431a87b8a264d8c40	0.00	0.00	0.00	0.00
0x1251122f1d77fa46e1e576c4fd6dd56ab17812ff	0.00	0.00	0.00	0.00
0x1db12c2a7c803567c9fd59a202504edf0e56ca78	119.05	0.00	0.00	0.00
0x22eab1c78521596f9d6d73dd878778009c39317c	10.31	0.00	0.00	208,952.52
0x266892ed0d40ea5c37f3e0239537999c13468311	0.00	0.00	0.00	0.00
0x2e675eeae4747c248bfddbafaa3a8a2fdddaa44b	0.55	0.00	0.00	0.00
0x34669322bdfca9e801ca334e7b0e6d69d1f87137	270.97	0.00	0.00	1,542,262.75

only showing top 10 rows