

## Hive UDF

UDF	take values from single row and return value or struct
UDAF	aggregate values from many rows and return value or struct
UDTF	take values from single row and return zero or more rows

Run udf:

```
add jar maprfs:///user/xyz/hive-udfs-1.0-SNAPSHOT.jar;  
create temporary function hello AS "pl.isa.hadoop.HelloWorldUdf";  
select hello(src) from transfers limit 10;
```

## Tasks

1. write udf, that will convert PLN from field amount to EUR (exchange rate 4.29)
2. write udf, that will convert field amount into struct (pln: amount, usd: amount/3.85, eur: amount/4.29)
3. write udf, that will concat any number of columns
4. write udaf, that will generate table with account operations (charges, credits). Example:

src	dst	amount		account	amount
a	b	5	->	a	-5
a	c	10		a	-10
b	d	15		b	5
				b	-15
				c	10
				d	15