

Article

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[Open Exchange](#)

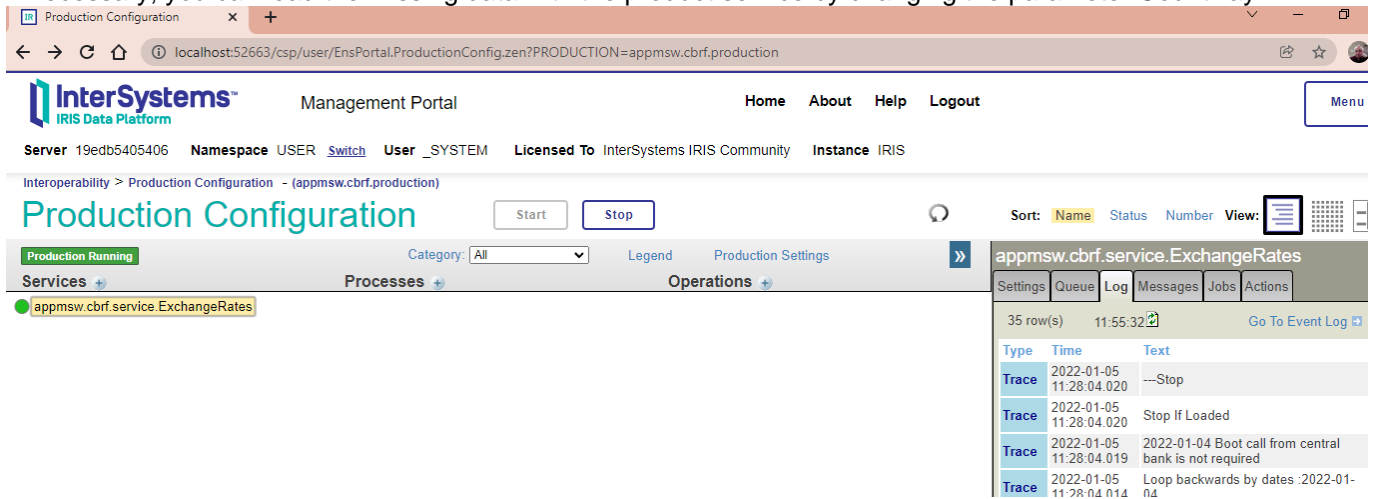
Database of exchange rates of the Central Bank of the Russian Federation.

A full cycle project, from initial data initialization, daily update products from the official website, a service for sending a course on request and receiving a schedule for any period.

After installing the project, we will get a table of ruble exchange rates against the main currencies of the world established by the Central Bank of the Russian Federation for 2016-2021.

Launching the product service with default settings will allow you to receive daily new exchange rates for the current day.

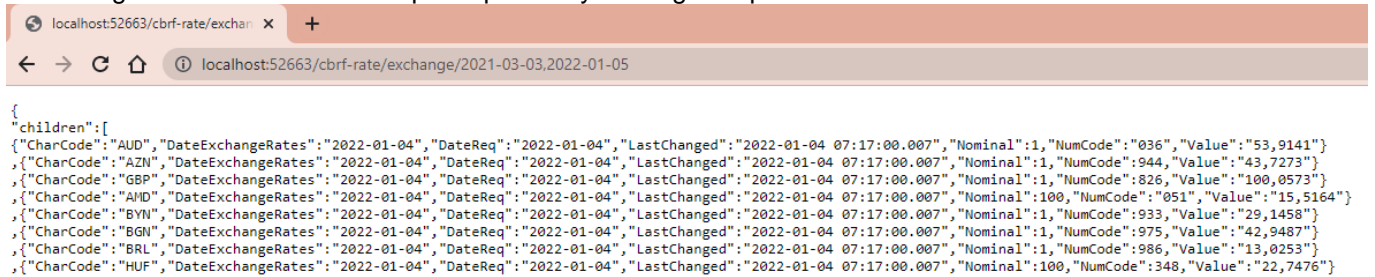
If necessary, you can load the missing data with the product service by changing the parameter CountDay



Or in the terminal with the command:

```
do ##class(appmsw.cbrf.util).initDb("2021-01-01", "2021-01-10")
```

You can get information for the required period by making a request to the rest service



You can also run a query in the terminal:

```
USER>D $System.SQL.Shell()
[SQL]USER>>select CharCode, DateExchangeRates, Nominal, NumCode, Value from appmsw_cbrf.tabex where DateExchangeRates >= '2022-01-04' and DateExchangeRates <= '2022-01-04'
```

5'

CharCode	Date	Exchange Rates	Nominal NumCode	Value
AUD	2022-01-04	1	036	53,9141
AZN	2022-01-04	1	944	43,7273
GBP	2022-01-04	1	826	100,0573
AMD	2022-01-04	100	051	15,5164
BYN	2022-01-04	1	933	29,1458
BGN	2022-01-04	1	975	42,9487
BRL	2022-01-04	1	986	13,0253
HUF	2022-01-04	100	348	22,7476
HKD	2022-01-04	10	344	95,2640

The data is quite real and can be used for calculation and analytical programs.

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Source URL: <https://community.intersystems.com/post/database-exchange-rates-central-bank-russian-federation>