


- Создание источника

 Airbyte

Connections


Sources

Destinations

Builder

Settings

Sources / Postgres

 **Postgres**
Postgres v3.6.11

SettingsConnections

Source Settings


Source name ⓘ
Postgres

Host ⓘ
localhost

Port ⓘ
5432

Database Name ⓘ
postgres

- Создание приемника

 Airbyte

Connections


Sources

Destinations

Builder


Settings

Destinations / Clickhouse

 **Clickhouse**
Clickhouse v1.0.0 MARKETPLACE

SettingsConnections

Destination Settings

 Marketplace connectors are maintained by the Airbyte community until they become Airbyte Connectors. Airbyte does not offer support SLAs around them, and encourages caution when using them in production. See our [documentation](#) for more details.

Destination name ⓘ
Clickhouse

Host ⓘ
localhost

Port ⓘ
8123

- Создание таблицы в источнике

```
drop table if exists public.example;
create table public.example
(
    example_key bigserial not null primary key,
    example_name varchar not null
);

ALTER TABLE public.example REPLICA IDENTITY FULL;

insert into public.example (example_name)
values
('name1'),
('name2');
```

```
select * from public.example;
```

The screenshot shows a database client interface. The top pane displays the SQL script executed, which includes dropping the table, creating it with a primary key, altering it to have full replica identity, inserting two rows, and selecting all data. The bottom pane shows the results of the 'select * from public.example;' query in a table grid view.

example_key	example_name
1	name1
2	name2

- Создание пайплайна обновления данных

The screenshot shows the Airbyte web interface for configuring a new connection. The left sidebar contains navigation links for Connections, Sources, Destinations, Builder, and Settings. The main area shows the 'New connection' wizard for a Postgres source and Clickhouse destination. The current step is 'Select streams', but the 'Select sync mode' step is also visible.

Select sync mode

How do you want data to be delivered to the destination?

- ☒ **Replicate Source** (RECOMMENDED)
Maintain an up-to-date copy of your source data in the destination.
- ☐ **Append Historical Changes**
Track changes to your data over time. Changes are appended to the destination.

Select streams

Search stream name

☐ Hide disabled streams

Sync	Namespace	Stream	Sync mode	Fields
<input checked="" type="checkbox"/>	<destination schema>	example	Full refresh Overwrite	All

Buttons: Back to Define destination, Next

- Синхронизация данных источника и приемника с помощью установленного пайплайна

Connections / Postgres → Clickhouse

Postgres → Clickhouse MARKETPLACE

Every hour Sync now **ENABLED**

Status Job History Schema Settings

Active Streams

Status	Stream name	Latest sync	Data fresh as of
Synced	example	2 loaded	a few seconds ago

- Проверка работы пайплайна по синхронизации данных

```
SELECT `_airbyte_raw_id`, `_airbyte_data`, `_airbyte_extracted_at`, `_airbyte_loaded_at`
FROM airbyte_internal.default_raw_stream_example;
```

Enter a part of object name here

localhost localhost:8123

airbyte_internal

Tables

default_raw_stream_example

Views

Procedures

Data Types

default

Tables

Views

Procedures

Data Types

```
SELECT `_airbyte_raw_id`, `_airbyte_data`, `_airbyte_extracted_at`, `_airbyte_loaded_at`
FROM airbyte_internal.default_raw_stream_example;
```

default_raw_stream_example 1 x

Enter a SQL expression to filter results (use Ctrl+Space)

	_airbyte_raw_id	_airbyte_data	_airbyte_extracted_at	_airbyte_loaded_at	Value
1	8a13a309-28dc-4824-a071-defc86f90031	{"example_key":2,"example_name":"name2"}	2025-01-07 09:35:16.862 +0000	[NULL]	8a13a309-28dc-4824-a071-defc86f90031
2	be2f4479-f75b-477b-a053-933baaa090e4	{"example_key":1,"example_name":"name1"}	2025-01-07 09:35:16.862 +0000	[NULL]	