
```

function data = fetch_from_tsdb( ...
    connection, ...
    time_start, ...
    time_end, ...
    options ...
)

% Получение данных с БД TimescaleDB
%
% Пример
%
% connection = postgresql("postgres", "postgres", ...
%     Server = "localhost", ...
%     DatabaseName = "db_data", ...
%     PortNumber = 5432 ...
% );
%
% now = string_to_datetime('now');
% time_start = now - seconds(1000);
% time_end = now - seconds(1);
%
% data = fetch_from_tsdb( ...
%     connection, ...
%     time_start, ...
%     time_end, ...
%     hst = "hst_test",...
%     svc = "svc_test", ...
%     cmp = "cmp_inject_periodic",...
%     key = "counter" ...
% );

arguments (Input)
    connection % Ссылка на подключение к PostgreSQL
    time_start datetime
    time_end datetime
    options.hst string
    options.svc string
    options.cmp string
    options.key string
end

arguments (Output)
    data timetable
end

time_start = string(time_start);
time_end = string(time_end);

sql = sprintf("SELECT \"%time\"", value FROM raw WHERE "\"time\"" BETWEEN '%s'
AND '%s' AND hst = '%s' AND svc = '%s' AND cmp = '%s' AND key = '%s' ORDER BY
"time" ASC", ...
    time_start, ...

```

```
time_end, ...  
options.hst, ...  
options.svc, ...  
options.cmp, ...  
options.key ...  
);  
  
data = fetch(connection, sql);  
data = table2timetable(data);  
  
end  
  
Error using fetch_from_tsdb (line 1)  
Invalid argument list. Function requires 3 more input(s).
```

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