
Posted by [SergDev](#) on Thu, 10 Aug 2023 09:26:16 GMT

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ID | GOODS_ID | PRICE | DATE_BEGIN | DATE_END

1	100	50	01/01/2022	null
2	100	65	01/02/2022	30/03/2022
3	100	75	01/05/2022	null
4	100	100	01/07/2022	null

SELECT * FROM PRICES WHERE GOODS_ID = 100 AND DATE_END IS NULL

Posted by _____ on Thu, 10 Aug 2023 09:31:31 GMT

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Posted by [stelvic](#) on Thu, 10 Aug 2023 09:47:24 GMT

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select p.* from prices p left join prices p1 on p1.goods_id=p.goods_id and

p1.date_begin>p.date_begin where p.date_end is null and p1.id is null.

Posted by _____ on Thu, 10 Aug 2023 11:29:45 GMT

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Posted by [BlackEric](#) on Thu, 10 Aug 2023 12:05:23 GMT

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Posted by _____ on Thu, 10 Aug 2023 12:23:26 GMT

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Posted by [shavluk](#) on Thu, 10 Aug 2023 12:41:58 GMT

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```
CREATE TABLE ITEM_PRICE_DOC (  
  ID      INTEGER NOT NULL,  
  ID_ITEM INTEGER NOT NULL,  
  ID_NPRICE INTEGER NOT NULL,  
  DATE_START DATE,  
  PRICE   NUMERIC(12,4),  
  ID_DOC  INTEGER,  
);
```

```
ALTER TABLE ITEM_PRICE_DOC ADD CONSTRAINT PK_ITEM_PRICE_DOC PRIMARY KEY  
(ID);
```

```
ALTER TABLE ITEM_PRICE_DOC ADD CONSTRAINT FK_ITEM_PRICE_DOC_1 FOREIGN  
KEY (ID_DOC) REFERENCES DOC (ID) ON DELETE CASCADE;  
ALTER TABLE ITEM_PRICE_DOC ADD CONSTRAINT FK_ITEM_PRICE_DOC_2 FOREIGN  
KEY (ID_ITEM) REFERENCES ITEM (ID);
```

```
CREATE DESCENDING INDEX ITEM_PRICE_DOC_IDX2 ON ITEM_PRICE_DOC (ID_ITEM,  
ID_NPRICE, DATE_START, PRICE);
```

```
create or alter procedure GET_ITEM_PRICE (  
  ID_ITEM integer,  
  ID_NPRICE integer,  
  DATE_NK date = null)  
returns (  
  PRICE numeric(12,4),  
  DATE_START date,  
  ID_DOC integer,  
  ID integer)  
as  
begin  
  if (id_nprice <> 0) then  
  begin  
    select first 1 price, date_start, id_doc, id from item_price_doc  
    where id_item = :id_item and id_nprice = :id_nprice and
```

```
    date_start <= coalesce(:date_nk, max_date())
  order by date_start desc, price desc
  into price, date_start, id_doc, id;
end
```

```
price = coalesce(price, 0);
suspend;
end
```

```
select g.*, p.price
from items g
left join get_item_price(g.id, 1, '10.08.2023') p on 1=1
```
