

## Лабораторная работа №7

Вывести значения полей [ProductID], [Name] из таблицы [Production].[Product] и полей [ProductModelID] и [Name] из таблицы [Production].[ProductModel] в виде xml, сохраненного в переменную. Формат xml должен соответствовать примеру:

```
1  <Products>
2    <Product ID="680">
3      <Name>HL Road Frame - Black, 58</Name>
4      <Model ID="6">
5        <Name>HL Road Frame</Name>
6      </Model>
7    </Product>
8    <Product ID="706">
9      <Name>HL Road Frame - Red, 58</Name>
10     <Model ID="6">
11       <Name>HL Road Frame</Name>
12     </Model>
13   </Product>
14 </Products>
```

Создать временную таблицу и заполнить её данными из переменной, содержащей xml.

The screenshot displays the SQL Server Enterprise Manager interface. On the left, a T-SQL query is written in the query editor:

```
declare @xml xml;
set @xml = (
  select top 2
    p.ProductID as [@ID],
    p.Name,
    pm.ProductModelID as [Model/@ID],
    pm.Name as [Model/Name]
  from Production.Product as p
  inner join Production.ProductModel pm
  on p.ProductModelID = pm.ProductModelID
  for xml path ('Product'), root('Products')
);
select @xml;
go
```

Below the query editor, the 'Results' pane shows a single row of data with the XML output:

```
(No column name)
1  <Products><Product ID="680"><Name>HL Road Fram...
```

On the right, a separate window titled 'xmlresult1.xml' displays the full XML structure generated by the query:

```
<Products>
  <Product ID="680">
    <Name>HL Road Frame - Black, 58</Name>
    <Model ID="6">
      <Name>HL Road Frame</Name>
    </Model>
  </Product>
  <Product ID="706">
    <Name>HL Road Frame - Red, 58</Name>
    <Model ID="6">
      <Name>HL Road Frame</Name>
    </Model>
  </Product>
</Products>
```