GetArchivData

Function

The function ***GetArchivData*** is used to get a data from the archive database.

Declaration

```
APIRET GetArchivData(const char *name, double Begin, double End, unsigned
int Step, unsigned short wait, ChainBrowseDataPtr dataPtr)
```

Parameters

The parameter *name* defines the name of a historical value, *Begin* is a beginning of required time interval and *End* is an end of this time interval. The parameter *Step* determines a time step for selecting values from the archive, if the parameter is zero then we get all the data from defined time interval. The parameter *wait* [s] defines a maximal time to wait for data from the archive.

Return code

Code	Description
API_OK	Archive data was obtained correctly in defined time. The Required data is returned by the parameter *data Ptr* in the form of a list. After use the data, the allocated memory for each pointer must be freed by calling the function *FreeData*.
API_Timeout Error	Required data was not obtained in the defined time.
API_ParamError	The value of the parameter *dataPtr* is null or both the times *Begin* and *End* are invalid.

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