

# Interface Module

## D2000 VBApi - Interface module

The **Interface** module contains the declarations of the procedures and constants, which are described in the topic [VBApi interface structures](#). It also defines functions, which allow accessing individual items of the structure [VBApi\\_TUniVal](#).

### Descriptions of the functions:

#### Declaration

```
Property Get D2GetUniValValue(value As VBApi_TUniVal) As Variant
```

#### Description

The function returns a values, that is contained in the structure VBApi\_TUniVal or the value of **Empty** if the value is invalid.

#### Declaration

```
Property Get D2GetUniValTime(value As VBApi_TUniVal) As Date
```

#### Description

The function retrieves the value time.

#### Declaration

```
Property Get D2GetUniValValid(value As VBApi_TUniVal) As Boolean
```

#### Description

The function retrieves the validity attribute of given value.

#### Declaration

```
Property Get D2GetUniValWeak(value As VBApi_TUniVal) As Boolean
```

#### Description

The function retrieves the *Weak* attribute of given value.

#### Declaration

```
Property Get D2GetUniValTransient(value As VBApi_TUniVal) As Boolean
```

#### Description

The function retrieves the *Transient* attribute of given value.

#### Declaration

```
Property Get D2GetUniValDefault(value As VBApi_TUniVal) As Boolean
```

#### Description

The function retrieves the *Default* attribute of given value.

#### Declaration

```
Property Get D2GetUniValLimits(value As VBApi_TUniVal) As Long
```

#### Description

The function retrieves the limit attribute of given value.

**Declaration**

```
Property Get D2GetUniValFlags(value As VBApi_TUniVal) As String
```

**Description**

The function retrieves the string, that contains individual [user attributes](#) (flags) represented by the characters A..P, if given attribute is set.

**Declaration**

```
Property Get D2GetSpecificProperty(value As VBApi_TUniVal, prop As Long)  
As Variant
```

**Description**

The function returns required item (the parameter *prop*) of the structure [VBApi\\_TUniVal](#).

The constants for individual items are also defined in the **Interface** module:

| Constant for the parameter <i>prop</i> | Meaning of return value    |
|----------------------------------------|----------------------------|
| Public Const D2ValueValue = 1          | Value                      |
| Public Const D2ValueTime = 2           | Value time                 |
| Public Const D2ValueValid = 3          | Value validity attribute   |
| Public Const D2ValueWeak = 4           | <i>Weak</i> attribute      |
| Public Const D2ValueTransient = 5      | <i>Transient</i> attribute |
| Public Const D2ValueDefault = 6        | <i>Default</i> attribute   |
| Public Const D2ValueLimits = 7         | Value limits               |
| Public Const D2ExtendFlags = 8         | User flags                 |
| Public Const D2ArchFlags = 9           | Archive flags              |

**Related pages:**

[D2000 VBApi.xla](#)