

REGRS\$ - Read Registry String Setting

The REGRS\$ routine can be used to read a string setting from immediately below the Global\Client key of the Windows registry.

1. Invocation

To read a registry string setting code:

```
CALL REGRS$ USING key_name value_name result max_length
```

where *key_name* is a PIC X(?) field containing the zero-terminated key-name; *value_name* is a PIC X(?) field containing the zero-terminated value-name; *result_string* is a PIC X(n) string into which the result will be returned; *max_length* is a PIC 9(4) COMP field, or literal, containing the length of the *result_string* area.

2. STOP Codes and Exception Conditions

The following STOP codes may be generated by REGRS\$:

STOP code	Description
20204	REGRS\$ has been called on an invalid configuration (i.e. not GSM (Unix) or GSM (Windows))

The following exception conditions may be returned by REGRS\$:

EXIT code	\$\$COND	Description
20210	10	String value not present in the registry; or string longer than result area.

3. Programming Notes

REGRS\$ is available on **both** GSM (Windows) and GSM (Unix). On GSM (Unix) configurations REGRS\$ is only available on BACNAT variant V3.344, or later.

A successful call of REGRS\$ will return the string setting as a zero-terminated string in the *result_string* field.

4. Examples

For example, to read the registry setting:

```
..\Global\Client\Customisations\ExampleValueName
```

```
DATA DIVISION
77 X-KEY PIC X(?)
   VALUE "Customisations"
   VALUE #00
77 X-VALUE PIC X(?)
```

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```
VALUE "ExampleValueName"  
VALUE #00  
77 X-RESULT PIC X(256)  
*  
PROCEDURE DIVISION  
*  
CALL REGRS$ USING X-KEY X-VALUE X-RESULT 256  
ON EXCEPTION  
* Setting not in registry or longer than 255 characters  
ELSE  
* String returned in X-RESULT  
END
```

5. Copy-Books

None.

6. See Also

REGRV\$ Read registry numeric value setting.
REGWS\$ Write existing registry string setting
REGASS\$ Add new registry string setting