

# REST - Read

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The EWRead operation returns the encoded data of the specified record. The URL must include the ID of the record being queried.

- **Returns:** the encoded data of the record.
- **Supported Content-Type:** application/x-www-form-urlencoded
- Accepts a URL with URL-encoded parameters and record data. For more information about general URL conventions, see [REST Interface](#).

In place of the usual ID parameter, you can use \$searchSQL to identify the record to update, provided that the search returns exactly one record and no more. For example, if you have a unique ext\_id field in Agiloft, you can update a single record that has ext\_id='a0B2c345' using &\$searchSQL=ext\_id='a0B2c345' in the URL.

## Example

Assume an instance of Agiloft is available on localhost, port 8080 and is called "Demo". The updated record can be seen in the [Update example](#).

The following request is issued:

```
https://localhost:8080/ewws/EWRead?$KB=Demo&$table=Contacts.  
Employees&$login=admin&$password=qwerty&$lang=en&id=358
```

The following result will be returned:

```
EWREST_full_name='John Doe';  
EWREST_first_name='John';  
EWREST__1576_company_name0='IBM';  
EWREST_f_group_0='Service Manager';  
EWREST_id='358';  
EWREST__106_sw_description='Service Management Team';  
EWREST_login='jdoe';  
EWREST_date_updated='Dec 27 2017 04:40:24';  
EWREST_type='employees';  
EWREST_date_created='Dec 27 2017 04:34:38';  
EWREST_rep_email='example23@example.com';  
EWREST_default_approval_title='Document Approval';  
EWREST_last_name='Doe';
```

# JavaScript Example

Here is an example for a JavaScript-based client that invokes the REST interface via AJAX:

```
function xmlhttpGet (strURL) {
    var xmlhttpReq=false;
    var self=this;
    // Mozilla/Safari
    if (window.XMLHttpRequest) {
        try {
            netscape.security.PrivilegeManager.
enablePrivilege("UniversalBrowserRead");
        } catch (e) {
            alert("Permission UniversalBrowserRead denied.");
        }
        self.xmlHttpReq=new XMLHttpRequest();
    } // IE
    else if (window.ActiveXObject) {
        self.xmlHttpReq=new ActiveXObject("Microsoft.XMLHTTP");
    }
    self.xmlHttpReq.open('GET', strURL, true);
    self.xmlHttpReq.onreadystatechange=requestComplete;
    self.xmlHttpReq.send(null);
}
function requestComplete() {
    if (xmlHttpReq.readyState==4||xmlHttpReq.readyState=="complete") {
        eval (self.xmlHttpReq.responseText);
        alert ("Opportunity"+EWREST_opportunity_name_0);
    }
}
function main() {
    xmlhttpGet('https://localhost:8080/ewws/EWRead?$KB=Demo&$table=Contacts.
Employees&$login=admin&$password=qwerty&$lang=en&id=358');
}
```