

# InTime API - Code examples

Example code for communication with Intime HTTP API.

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# C# - Messages

General class for communication with with InTime API. (Pre. requirement for all C# examples).

```
public class IntimeAPI {
    private string serviceurl { get; set; }
    private string user { get; set; }
    private string hash { get; set; }

    public IntimeAPI(string serviceurl, string user, string hash) {
        this.serviceurl = serviceurl;
        this.user = user;
        this.hash = hash;
    }

    public string DeleteMessage(string xml) {
        return ServiceRequest(string.Format("{0}/{1}?user={2}&hash={3}", this.serviceurl, "delete.ashx", this.
user, this.hash), xml);
    }

    public string SendMessage(string xml) {
        return ServiceRequest(string.Format("{0}/{1}?user={2}&hash={3}", this.serviceurl, "create.ashx", this.
user, this.hash), xml);
    }

    private string ServiceRequest(string url, string xml) {
        byte[] byteArray = StrToByteArray(xml);

        HttpWebRequest myReq = (HttpWebRequest)WebRequest.Create(url); myReq.Method = "POST"; myReq.ContentTyp
e = "text/xml"; myReq.ContentLength = byteArray.Length;
        myReq.Credentials = System.Net.CredentialCache.DefaultNetworkCredentials;

        Stream newStream = myReq.GetRequestStream(); newStream.Write(byteArray, 0, byteArray.Length); newStrea
m.Close();

        HttpWebResponse myResponse = (HttpWebResponse)myReq.GetResponse();
        Stream stream = myResponse.GetResponseStream(); StreamReader reader = new StreamReader(stream);

        string result = reader.ReadToEnd();

        return result;
    }
}
```

```
private static byte[] StrToByteArray(string str){
    System.Text.UTF8Encoding encoding = new System.Text.UTF8Encoding(); return encoding.GetBytes(str);
}
}
```

## Create new message

```
string serviceurl = "https://...";
string username = "username";
string hash= "hash";

IntimeAPI api = new IntimeAPI(serviceurl, username, hash);

StringBuilder xml_send = new StringBuilder();
xml_send.Append("<?xml version='1.0' encoding='iso-8859-1'?>");
xml_send.Append("<message>");
xml_send.Append(" <flash>0</flash>");
xml_send.Append(" <multisms>0</multisms>");
xml_send.Append(" <senddate>2012-02-29T14:41:00</senddate>");
xml_send.Append(" <sendertitle>Simon test</sendertitle>"); xml_send.Append(" <body>Mitt test meddelande</body>");
xml_send.Append(" <statusurl>http://www.kunden.se/status.php</statusurl>");
xml_send.Append(" <recipients>");
xml_send.Append(" <recipient transid='12345678'>0703027930</recipient>");
xml_send.Append(" </recipients>");
xml_send.Append("</message>");

string response = api.SendMessage( xml_send.ToString() );

// TODO Handel the response... See API documentation...
```

## Remove a scheduled message

```

string serviceurl = "https://...";
string username = "username";
string hash= "hash";

IntimeAPI api = new IntimeAPI(serviceurl, username, password);

StringBuilder xml_delete = new StringBuilder();
xml_delete.Append("<?xml version=\"1.0\" encoding=\"iso-8859-1\"?>");
xml_delete.Append("<message><messageid>2319974</messageid></message>");

string response = api.DeleteMessage(xml_delete.ToString());

// TODO Handel the response... See API documentation...

```

## Recive message status

Create a .ashx handler that will be able to interpret a HTTP Post request form InTime message server.

```

public class Callback : IHttpHandler {
    public void ProcessRequest(HttpContext context) {
        string messageId = context.Request.Params.Get("messageid");
        string status = context.Request.Params.Get("status");
        string transid = context.Request.Params.Get("transid");

        // TODO ADD My internal logic to save status callbacks
    }

    public bool IsReusable {
        get { return false; }
    }
}

```

# PHP - Messages

General class for communication with with InTime API. (Pre. requirement for all PHP examples).

```

<?php
class IntimeAPI
{
    private $serviceurl;
    private $username;
    private $hash;
    private $certPath;

    public function __construct($serviceurl, $username, $hash, $certPath = "") {
        // Set parameters
        $this->serviceurl = $serviceurl;
        $this->username = $username;
        $this->hash = $hash;
        $this->certPath = $certPath;
    }

    public function DeleteMessage($xml) {
        return self::ServiceRequest($this->serviceurl . "/delete.ashx?user=" . $this->username . "&hash=" . $this->hash, $xml);
    }

    public function SendMessage($xml) {
        return self::ServiceRequest($this->serviceurl . "/create.ashx?user=" . $this->username . "&hash=" . $this->hash, $xml);
    }

    private function ServiceRequest($url, $xml) {
        // Init request
        $ch = curl_init($url);
        curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
        curl_setopt($ch, CURLOPT_CUSTOMREQUEST, 'POST');
        curl_setopt($ch, CURLOPT_HTTPHEADER, array("Content-Type: text/xml", "Content-length: " . strlen($xml)));
        curl_setopt($ch, CURLOPT_POSTFIELDS, $xml);

        // Https request
        if (strpos($url, 'https')) {
            if ($this->certPath == "") {curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);}
            else {
                $this->certPath = getcwd() . $this->certPath;
                if (!file_exists($this->certPath)) {

```

```

        throw new Exception("Could not locate certificate file! " . $this->certPath);
    }

    curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, true);
    curl_setopt($ch, CURLOPT_SSL_VERIFYHOST, 2);
    curl_setopt($ch, CURLOPT_CAINFO, $this->certPath);
}
}
// Execute request
$response = curl_exec($ch);
// Check for error in request
$error = curl_error($ch);
if ($error != "") {
    throw new Exception("Request curl error : " . $error);
}
// Return response
return $response;
}
}

```

## Create new message

```
<?php
// Intime API server url and user information
$serviceurl = "https://...";
$username = "myusername";
$hash = "hash";

// Skapa en ny instance av API classen
$intimeAPI = new IntimeAPI($serviceurl, $username, $hash);

$xml = '<?xml version="1.0" encoding="iso-8859-1"?> <message>
<flash>0</flash>
<multisms>0</multisms>
<senddate>2012-02-29T14:41:00</senddate>
<sendertitle>My subject</sendertitle>
<body>My first message</body>
<statusurl></statusurl> <recipients>
<recipient transid="12345">070123456</recipient>
</recipients>
</message>';

// Send message
$response = $intimeAPI->SendMessage($xml);
// TODO Handel the response... See API documentation...
?>
```

## Remove a scheduled message

```

<?php
// Intime API server url and user information

$serviceurl = "https://...";
$username = "myusername";
$hash = "hash";

// Skapa en ny instance av API klassen
$intimeAPI = new IntimeAPI( $serviceurl,$username,$hash);

$xml_delete = '<?xml version="1.0" encoding="iso-8859-
1"?><message><messageid>2319974</messageid></message>';

// Delete message
$response = $intimeAPI->DeleteMessage( $xml_delete );

// TODO Handel the response... See API documentation...
?>

```

## Recive message status

Create a .php file that are able to interpret a HTTP Post request form InTime message server.

```

<?php
// mysatuscallback.php
if( isset($_POST['messageid'],$_POST['status'],$_POST['transid']) ) {
    // TODO add my status callback code
} else {
    header("Status: 404 Not Found");
}
?>

```