**API Documentation**

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| **:: API ::** | | | |
|  | **▪ Key** | | **...** |
|  | **▪ Version** | | **1** |
|  | **▪ Call Method** | | JSON Post |
|  | **▪ Description** | | ... |
|  | | | |
| **:: File System ::** | | | |
|  | **▪ Full Path** | | **<BASE DIRECTORY>/app/Http/Controllers/Application/BackEnd/System/Transaction/Engines/create/ ...** |
|  | **▪ File Name** | |  |
|  |  | **▪ Engine** | **...** |
|  |  | **▪ JSON Schema** | **JSONRequestSchema.json** |
|  | | | |
| **:: Documentation ::** | | | |
|  | **▪ Code** | | ERPReborn/API.Doc/transaction.create..../v1 |
|  | **▪ Revision** | | 0 |
|  | **▪ Date** | | ... ...th, 20... |

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**API Routing ▷**

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**JSON Request Schema (JSON Syntax) ▷**

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**Request Code (PHP Syntax) ▷**

$varData = \App\Helpers\ZhtHelper\System\FrontEnd\Helper\_APICall::setCallAPIGateway(

\App\Helpers\ZhtHelper\System\Helper\_Environment::getUserSessionID\_System(),

<...API Web Token...>,

'...',

<...API Version...>,

[

'entities' => [

...,

]

]

);

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| **VARIABLE** | | **DATA TYPE** | **ACCEPTED VALUE** |
| ▪ | <...API Web Token...> | String | Any String |
| ▪ | <...API Version..> | String, Integer | Constant String : 'latest'  Any Integer : 1, 2, ...  Any Integer value on String : '1', '2’, ... |

**Request Code (JavaScript Syntax) ▷**

var varURL = "http://172.28.0.3/api/gateway";

var varJSONObject = {

"metadata":{

"API":{

"key":"...",

"version":<...API Version..>

}

},

"data":{

"entities":{

...

}

}

};

var varAJAXReturn = null;

$.ajax(varURL, {

async:false,

type:"POST",

headers:{

"Authorization":"Bearer <...API Web Token...>",

"User-Agent":function() {

return navigator.userAgent;

}(),

"Agent-DateTime":function() {

var varObjDate = new Date();

return varObjDate.toUTCString();

}(),

"Expires":function() {

var varObjDate = new Date();

varObjDate.setSeconds(varObjDate.getSeconds() + 600);

return varObjDate.toUTCString();

}(),

"Content-MD5":**<< Generated By System >>**,

"X-Request-ID":**<< Generated By System >>**

},

data:JSON.stringify(varJSONObject),

contentType:"application/json",

success:function(varDataResponse, varTextStatus, varObjXHR) {

varAJAXReturn = JSON.stringify(varDataResponse)

},

error:function(varDataResponse, varTextStatus) {

varAJAXReturn = JSON.stringify(varDataResponse)

}

});

return varAJAXReturn;

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| --- | --- | --- | --- |
| **VARIABLE** | | **DATA TYPE** | **ACCEPTED VALUE** |
| ▪ | <...API Web Token...> | String | Any String |
| ▪ | <...API Version..> | String, Integer | Constant String : 'latest'  Any Integer : 1, 2, ...  Any Integer value on String : '1', '2’, ... |

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**Request Example (PHP Syntax) ▷**

$varData = \App\Helpers\ZhtHelper\System\FrontEnd\Helper\_APICall::setCallAPIGateway(

\App\Helpers\ZhtHelper\System\Helper\_Environment::getUserSessionID\_System(),

**'...'**,

'...',

**'latest'**,

[

]

);

**Request Example (JavaScript Syntax) ▷**

**JQueryFunction Generator Implementation on PHP ▷**

echo \App\Helpers\ZhtHelper\General\Helper\_JQuery::setLibrary(\App\Helpers\ZhtHelper\System\Helper\_Environment::getUserSessionID\_System());

**$varJQueryFunction** = \App\Helpers\ZhtHelper\System\FrontEnd\Helper\_APICall::setCallAPIGatewayJQuery(

\App\Helpers\ZhtHelper\System\Helper\_Environment::getUserSessionID\_System(),

**'...'**,

'...',

**'latest'**,

[

'entities' => [

...

]

]

);

echo "<button type='button' onclick='javascript:var varData=".**$varJQueryFunction**."; $(\"body\").append(JSON.stringify(varData));'>Click Me</button>";

**$varJQueryFunction’s Content**

**(Result of \App\Helpers\ZhtHelper\System\FrontEnd\Helper\_APICall::setCallAPIGatewayJQuery) ▷**

function() {

if (window.jQuery){

var varURL = "http://172.28.0.3/api/gateway";

var varJSONObject = {

"metadata":{

"API":{

"key":"...",

"version":"latest"

}

},

"data":{

"entities":{

...

}

}

};

var varAJAXReturn = null;

$.ajax(varURL, {

async:false,

type:"POST",

headers:{

"Authorization":"Bearer **...**",

"User-Agent":function() {

return navigator.userAgent;

}(),

"Agent-DateTime":function() {

var varObjDate = new Date();

return varObjDate.toUTCString();

}(),

"Expires":function() {

var varObjDate = new Date();

varObjDate.setSeconds(varObjDate.getSeconds() + 600);

return varObjDate.toUTCString();

}(),

"Content-MD5":**"..."**,

"X-Request-ID": " **...**"

},

data:JSON.stringify(varJSONObject),

contentType:"application/json",

success:function(varDataResponse, varTextStatus, varObjXHR) {

varAJAXReturn = JSON.stringify(varDataResponse)

},

error:function(varDataResponse, varTextStatus) {

varAJAXReturn = JSON.stringify(varDataResponse)

}

});

return varAJAXReturn;

}

else {

alert("jQuery is not yet loaded\n Please initialize jQuery first by using Helper Object :\n\n\\App\\Helpers\\ZhtHelper\\General\\Helper\_JQuery::setLibrary($varUserSession)");

}

}()

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**Success Response Example (PHP Syntax) ▷ Normal Process ▷**

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**Success Response Example (JSON Syntax) ▷ Normal Process ▷**

...

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**Failed Response Example (HTML) ▷ Normal Process ▷**

**Invalid API Web Token ▷**

**...**

**Failed Response Example (HTML) ▷ JSON Contract Incompatibility ▷**

**...**

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