



FMK

Hello Custom Connector!

FileMaker-Konferenz, Lightning Talk, Malbun 2.10.2024

Claris Custom Connector für aspsms.com

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Claris Custom Connector für aspsms.com

- ❖ Account bei aspsms.com notwendig
 - ❖ Gratis SMS für Tests erhältlich
- ❖ Clairs Connect Account erforderlich
 - ❖ 500 Flow Schritte pro Monat gratis
 - ❖ Registrierung unter <https://www.claris.com/connect/>
- ❖ Connector enthält zwei Actions
 - ❖ Send SMS
 - ❖ Check credits: Ruft Guthaben ab

Download



<https://datenbankdesign.ch/fmk/aspsms/>

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Was ist aspsms.com?

Wednesday, October 02, 2024



ASPSMS advantages

- No license fee
- No setup fee
- No monthly fees
- No hidden costs
- ASPSMS Credits never expire

About ASPSMS

- What's new
- Blog

aspsms.com - the SMS solution for your business software and web applications

Add highly reliable SMS functionality to your business software or to your web application. Send SMS to more than 200 countries and 900 mobile networks. You can add any kind of SMS solution very easily with help of ASPSMS SMS API interfaces and without any setup cost. With ASPSMS you will be able to send SMS within minutes after opening your account. We also provide ready to go software, a wide set of sample applications and free source code.

SMS reaches everybody, everywhere, instantly!

Business Cases

- SMS functionality for your business software, web application & portal
- Added value for your CRM-solutions
- SMS marketing campaigns
- Contact Tracing / Onboarding in Clubs, Bars, Events, ...
- Company internal communication tool
- Information channel for your clients and partners

Clients

[➔ Website Login](#)

[Forgot Login Password?](#)

New Registration

Are you still not a client of ASPSMS? Just proceed here to register!

[Register now](#)

System Status

Information and announcements about the state of the ASPSMS system

Was ist aspsms.com?

- ❖ SMS-Versand an Mobilnummern weltweit
- ❖ Zwei-Wegemöglichkeit (Antworten auf SMS erhalten)
- ❖ Rest-API
- ❖ moderate Preise für wenige SMS pro Monat
- ❖ Betreiber: VADIAN.NET AG, Schweiz

Send SMS to:
Liechtenstein

Purchase Quantity:
500 ASPSMS Credits à 9 Rp.

from 9 Rp./SMS

Networks/Operators: Liechtenstein	Price
Orange Liechtenstein (1.75 Credits)	15.75 Rp./SMS
Telecom FL (1.75 Credits)	15.75 Rp./SMS
Telecom Liechtenstein FL1 (1 Credit)	9 Rp./SMS

For technical reasons ASPSMS generally ignores any number porting when billing. The number of credits required results exclusively based on the area code of the recipient numbers.

Purchase Credits

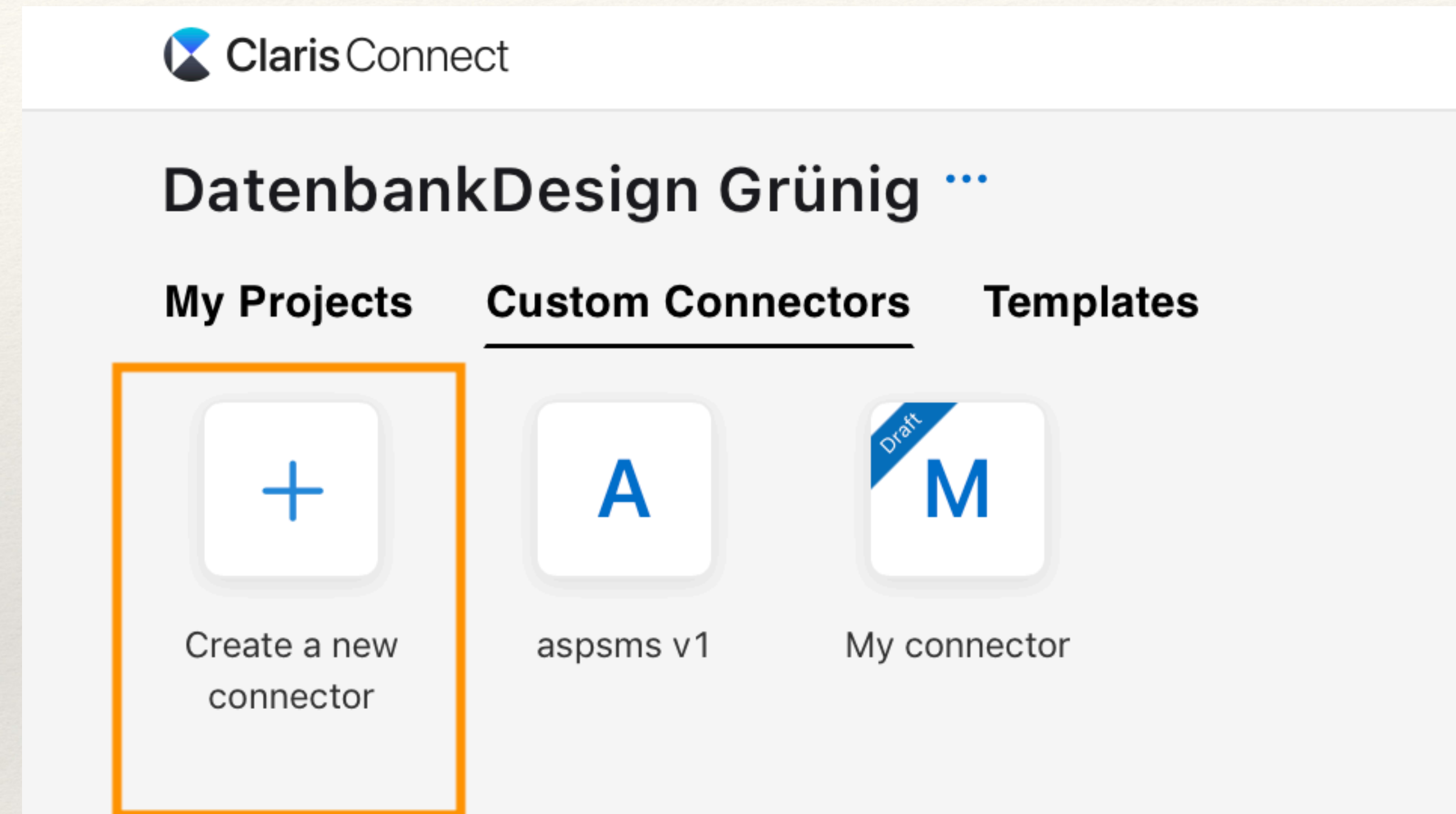
Was ist ein Custom Connector?

- ❖ JSON, welches die unterstützten Funktionen der Schnittstelle beschreibt
 - ❖ Authentifizierung
 - ❖ Endpoints
 - ❖ Actions
- ❖ Claris Connect speichert die Logindaten und führt die Requests aus

```
1  {
2    "schema": "1.0",
3    "name": "aspsms v1",
4    "description": "A connector to send SMS with aspsms.com. For support contact info@da
5    "requiredSettings": {
6      "authFields": [
7        {
8          "label": "Userkey",
9          "description": "Userkey of aspsms.com (https://www.aspsms.com/en/apicredentia
10         "key": "UserName",
11         "masked": false
12       },
13       {
14         "label": "Password",
15         "description": "API Password of of aspsms.com (https://www.aspsms.com/en/apic
16         "key": "Password",
17         "masked": true
18       }
19     ]
20   },
21   "auth_components": {
22     "type": "none"
23   },
24   "auth_request": {
25     "type": "custom_body",
26     "body_parameters": {
27       "UserName": "{{authFields.UserName}}",
28       "Password": "{{authFields.Password}}"
29     }
30   }
}
```


Konfiguration Connector (1)

- ❖ Muss in Claris Connect manuell hinzugefügt werden (unter Claris Connect > Custom Connectors)



Konfiguration Connector (2)

- ❖ JSON hineinkopieren
- ❖ Save & Exit



```
1  {
2    "schema": "1.0",
3    "name": "aspsms v1",
4    "description": "A connector to send SMS with aspsms.com. For support contact info@datenbankdesign.ch.",
5    "requiredSettings": {
6      "authFields": [
7        {
8          "label": "Userkey",
9          "description": "Userkey of aspsms.com (https://www.aspsms.com/en/apicredentials/)",
10         "key": "UserName",
11         "masked": false
12       },
13       {
14         "label": "Password",
15         "description": "API Password of of aspsms.com (https://www.aspsms.com/en/apicredentials/)",
16         "key": "Password",
17         "masked": true
18       }
19     ]
20   }
21 }
```

Cancel **Save & Test**

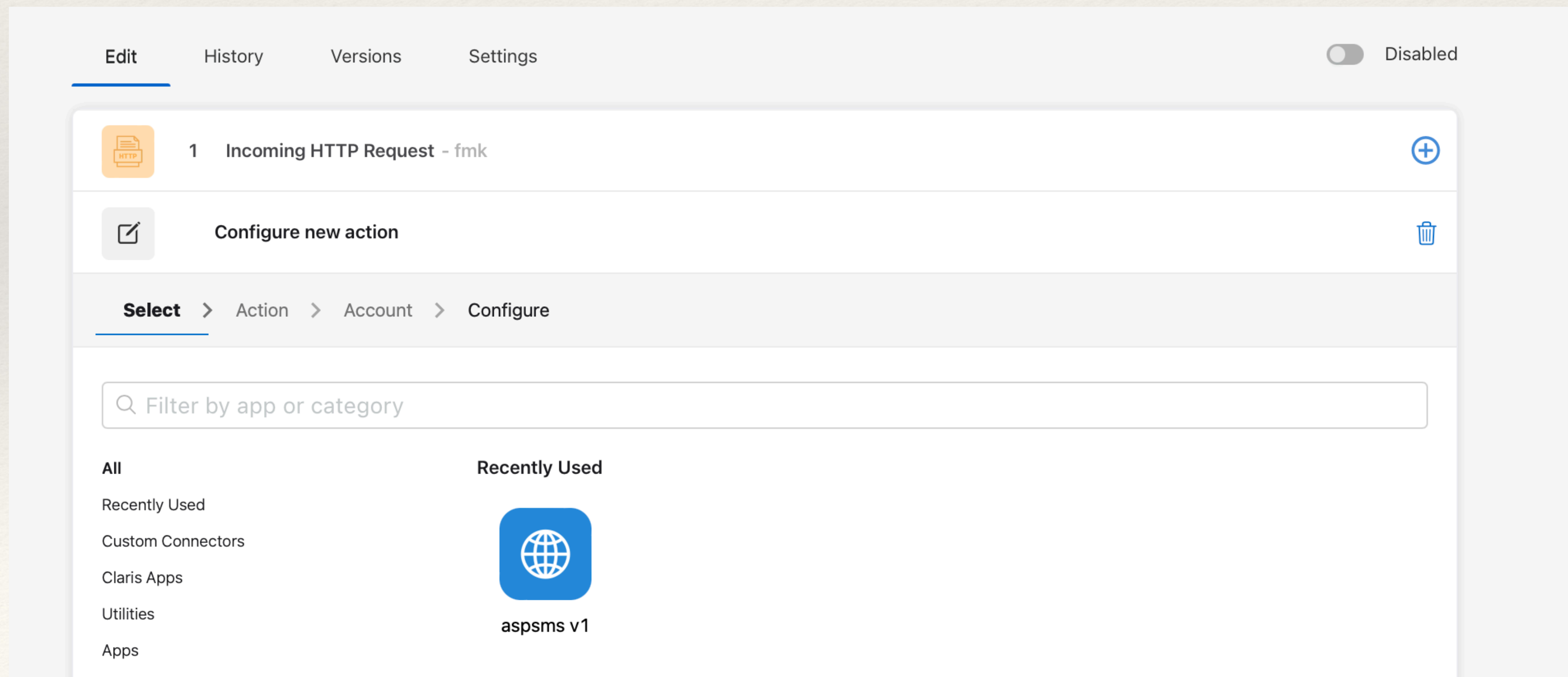
Konfiguration Connector (3)

- ❖ Create Connector (Tests können überprungen werden)
- ❖ Connector ist erstellt

The screenshot displays the Claris Connect web interface. At the top left, the logo 'Claris Connect' is visible. In the top right corner, there are icons for help and user profile. Below the header, a breadcrumb trail shows a back arrow followed by 'aspsms v1' and a '(Learn More)' link. The main content area has two tabs: 'Editor' and 'Debugger', with 'Debugger' being the active tab. The interface is divided into sections: 'Authentication' with a 'Sign In' button, a list of steps '1 Send SMS' and '2 Check credits' each with a right-pointing chevron, and a bottom section with 'Return to Editor' and 'Create Connector' buttons.

Verwendung Connector

- ❖ Nach dem Erstellen des Connectors ist dieser bei den Flows verfügbar.
- ❖ Verwendung wie üblich (siehe Präsentation von Alexis Geehrt)



Authentifizierung (1)

- ❖ Logindaten unter <https://www.aspsms.com/en/apicredentials/> abrufbar

Registered Users

- System Status
- User Settings
- 🔑 API Credentials (Userkey/Password)
- ✔ Credit Balance
- My Orders
- Credit Warnings
- Unlock Originator
- Sendlog
- 📠 SMS Blaster Winlog online
- IP Restrictions (XML)
- Logout

Two-Way SMS

- My Mobile Numbers
- Inbox & Statistics

API Credentials

Userkey and API Password are the transaction credentials, needed to access ASPSMS apis. Please copy Userkey and API Password into your ASPSMS application or your scripts. Keep Userkey and API Password secret.


Be aware: if you change the API Password, you must change your password in your ASPSMS scripts and applications, too. Changed API Passwords are not historized by ASPSMS. The Userkey can not be changed.

Userkey

QHCTHJXK4WYU

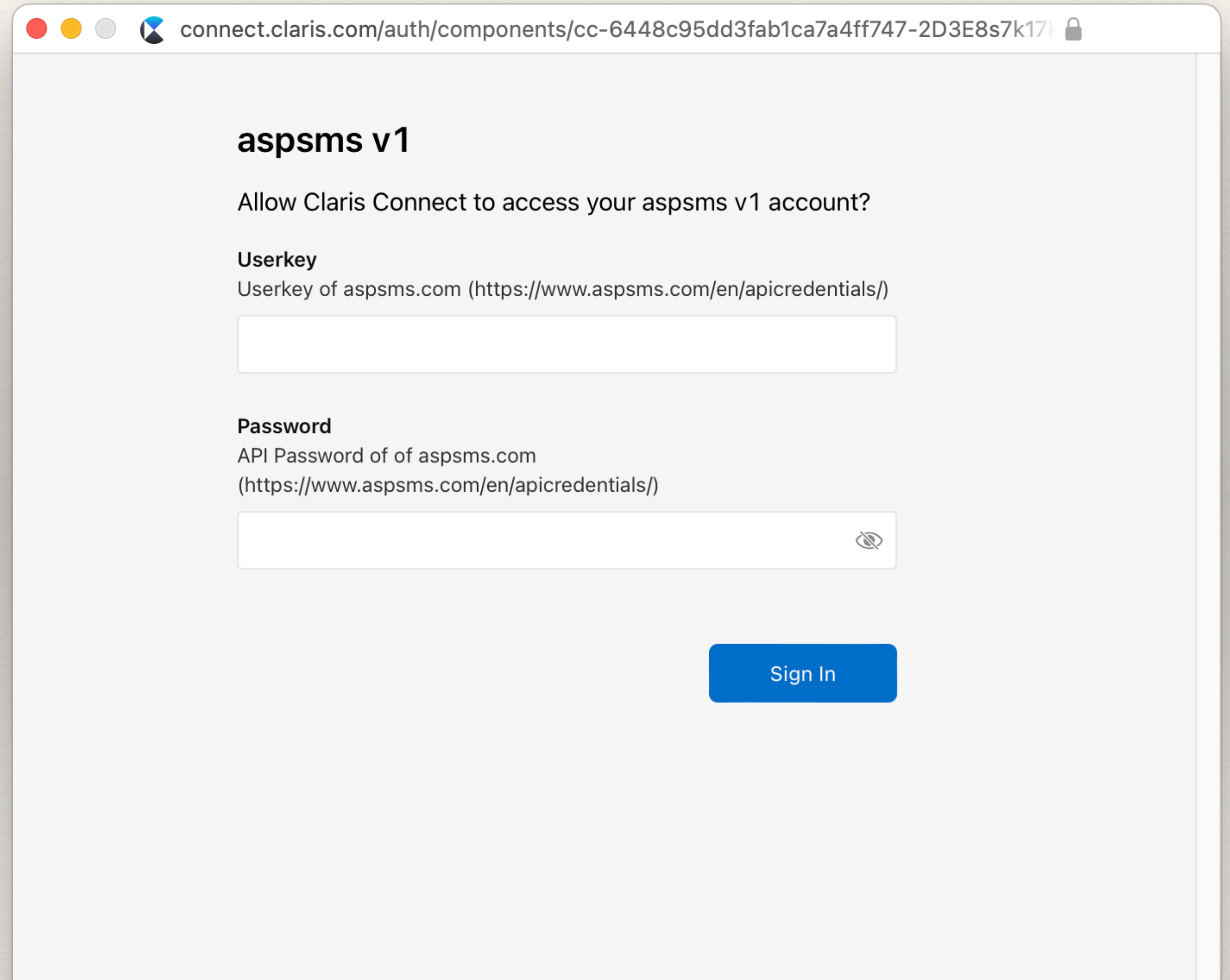
API Password

Maximum 50 allowed characters: [a-z], [A-Z], [0-9], [~_.*-+:#!%{}|@[];=&\$\/,()], Minimum 5 characters

..... 

Authentifizierung (2)

- ❖ Authentifizierung wird in Claris Connect gespeichert
- ❖ Besteht aus Userkey und Password



The screenshot shows a browser window with the URL `connect.claris.com/auth/components/cc-6448c95dd3fab1ca7a4ff747-2D3E8s7k17`. The page title is **aspsms v1**. The main heading is "Allow Claris Connect to access your aspsms v1 account?". Below this, there are two input fields: "Userkey" (with a subtext "Userkey of aspsms.com (https://www.aspsms.com/en/apicredentials/)") and "Password" (with a subtext "API Password of of aspsms.com (https://www.aspsms.com/en/apicredentials/)"). A blue "Sign In" button is located at the bottom right of the form.

Action Send SMS

❖ Eingabe: 3 Felder

Phone number *
The phone number of the recipient.

Step 1 body.information.recipient


Message *
The message text.

Step 1 body.information.message

Originator *
The alphanumeric sender.

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❖ Ausgabe

 2. aspsms v1 Send SMS ^

StatusCode 1

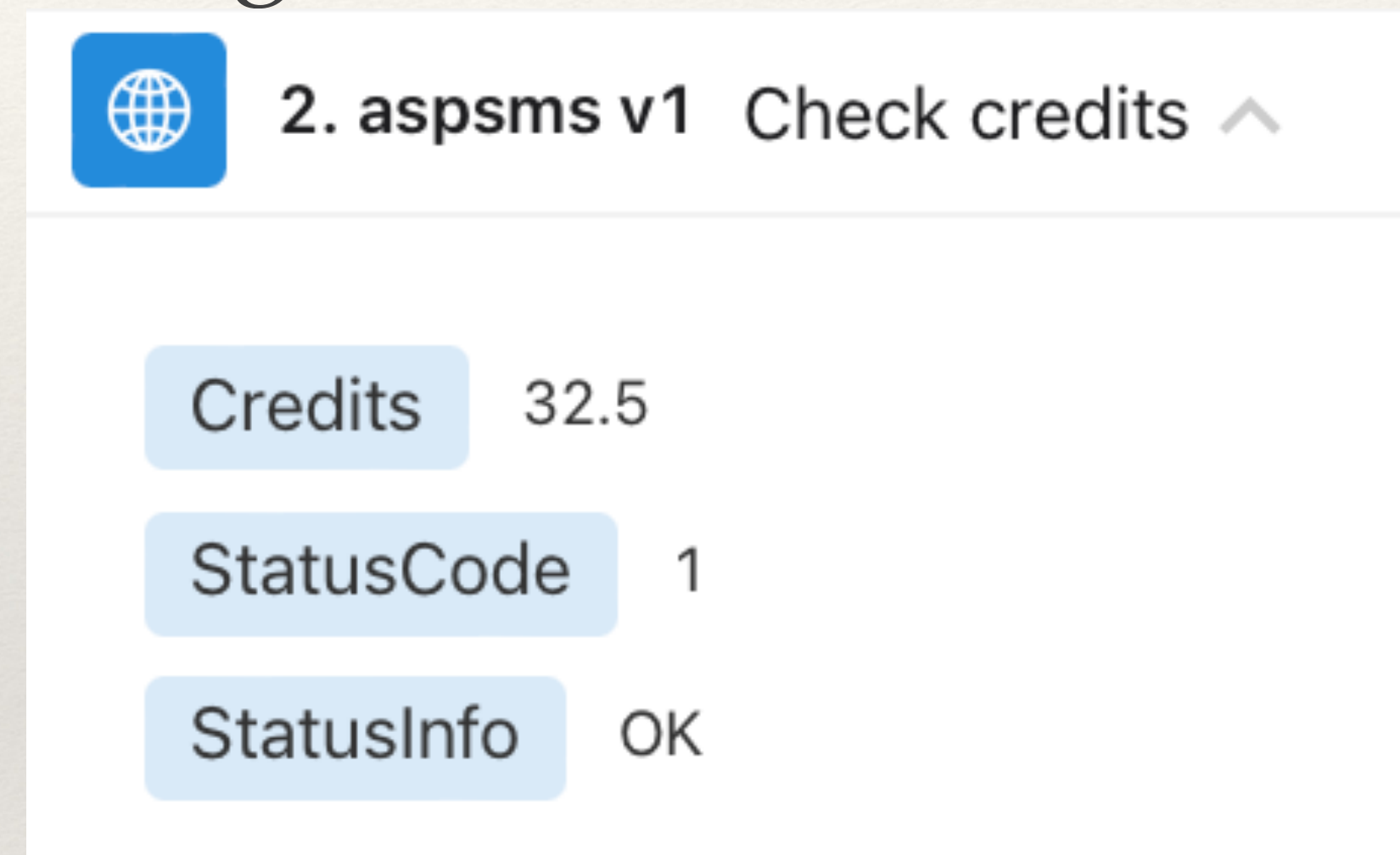
StatusInfo OK

Action Check Credits

❖ Eingabe:

❖ keine Felder benötigt

❖ Ausgabe



The screenshot shows a REST client interface for the endpoint '2. aspsms v1 Check credits'. The response is displayed as a list of key-value pairs:

Credits	32.5
StatusCode	1
StatusInfo	OK

FileMaker-Demo

- ❖ Mit FileMaker SMS verschicken
 - ❖ z. B. für eine Zweifaktorauthentifizierung oder Erinnerungen
- ❖ Guthaben abfragen

Vor- und Nachteile

- ❖ Vorteile

- ❖ In FileMaker einfach zu konfigurieren
- ❖ Es benötigt keine API-Kenntnisse (Rest-Schnittstellen allgemein und aspsms)
- ❖ Logindaten werden ausserhalb der FileMaker-Lösung gespeichert

- ❖ Nachteile

- ❖ Custom Connector und Flows müssen eingerichtet werden
- ❖ SMS-Versand wird zum Flow Limit gezählt (Kosten!)

Links

Clariss Connect – Kostenloses Konto erstellen

<https://www.clariss.com/connect/>

Clariss Connect – Login

<https://connect.clariss.com>

Custom Connector erstellen

<https://help.clariss.com/en/connect-help/content/creating-custom-connectors.html>

aspsms

<https://www.aspsms.com/>

Ask for free test SMS

Are you a new client or a developer? Or do you want to try out one of the numerous applications using aspsms.com (e.g. Outlook 2007 Mobile Service)? Ask for Free Test SMS Volumes.

[Request Free Test SMS Volumes](#)

Fragen?

Danke für Aufmerksamkeit!

Fragen und Rückmeldungen gerne an
info@datenbankdesign.ch

Download



<https://datenbankdesign.ch/fmk/aspsms/>

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JSON des Custom Connectors (1)

```
{
  "schema": "1.0",
  "name": "aspsms v1",
  "description": "A connector to send SMS with aspsms.com. For support contact info@datenbankdesign.ch.",
  "requiredSettings": {
    "authFields": [
      {
        "label": "Userkey",
        "description": "Userkey of aspsms.com (https://www.aspsms.com/en/apicredentials/)",
        "key": "UserName",
        "masked": false
      },
      {
        "label": "Password",
        "description": "API Password of of aspsms.com (https://www.aspsms.com/en/apicredentials/)",
        "key": "Password",
        "masked": true
      }
    ]
  },
  "auth_components": {
    "type": "none"
  },
  "auth_request": {
    "type": "custom_body",
    "body_parameters": {
      "UserName": "{{authFields.UserName}}",
      "Password": "{{authFields.Password}}"
    }
  }
},
```

JSON des Custom Connectors (2)

```
"endpoints": {
  "POST": {
    "/SendSimpleTextSMS": {
      "url": "https://json.aspsms.com/"
    },
    "/CheckCredits": {
      "url": "https://json.aspsms.com/"
    }
  }
},
"actions": [
  {
    "modelId": "message",
    "actionId": "send",
    "endpoint": "/SendSimpleTextSMS",
    "method": "POST",
    "label": "Send SMS",
    "helpText": "Send an SMS to the given number.",
    "actionFields": [
      {
        "key": "Recipients[0]",
        "label": "Phone number",
        "description": "The phone number of the recipient.",
        "type": "string",
        "required": true
      },
      {
        "key": "MessageText",
        "label": "Message",
        "description": "The message text.",

```

JSON des Custom Connectors (3)

```
    "type": "string",
    "required": true
  },
  {
    "key": "Originator",
    "label": "Originator",
    "description": "The alphanumeric sender.",
    "type": "string",
    "required": true
  }
],
"urlFields": []
},
{
  "modelId": "credits",
  "actionId": "check",
  "endpoint": "/CheckCredits",
  "method": "POST",
  "label": "Check credits",
  "helpText": "Returns the number of remaining credits of your account.",
  "actionFields": [],
  "urlFields": []
}
],
"testConnection": {
  "endpoint": "/CheckCredits",
  "method": "POST",
  "body": {}
}
}
```

JSON des Custom Connectors: keys

- ❖ actions
- ❖ auth_components
- ❖ auth_request
- ❖ description
- ❖ endpoints
- ❖ name
- ❖ requiredSettings
- ❖ schema
- ❖ testConnection