Marathon API

Table of Contents

Version history

Version	Description	Author	Date
1	Marathon API created from earlier API:s.	Gunnar Weiner	2017-12-29
2	New function get_mediatypes.	Gunnar Weiner	2018-01-31
3	New returned fields in get_project and new function get_employee.	Gunnar Weiner	2018-02-02
4	New function get_collective_mediatypes and filter on collective mediatype in get_mediatypes.	Gunnar Weiner	2018-02-02
5	Reflecting the fact that it is possible in the API authorization to control if get_medias should return commission or not.	Gunnar Weiner	2018-02-07
6	Added examples and translation to get_plan and get_order.	Gunnar Weiner	2018-03-05
7	Added fields plan-mark1, plan-mark2, plan-mark3 to get_plan.	Gunnar Weiner	2018-03-06
8	Added fields for type of unit, target group, frequency cap and digital channel id to create_order_direct, get_plan and get_order.	Gunnar Weiner	2018-03-09
9	Added own fields to create_order_direct.	Gunnar Weiner	2018-03-12
10	New field external_order_number in get_order. New field external_plan_number in get_plan and create_plan. New field plan-alt-plannr in returned data from get_plan and get_order.	Gunnar Weiner	2018-03-13
11	New field insertion_date_invoice in create_order_direct. New field inf-inf-dat-fakt in returned data from get_plan and get_order.	Gunnar Weiner	2018-03-15
12	New field pris-prov-typ in get_plan and get_order.	Gunnar Weiner	2018-03-23
13	New function get_digital_channels.	Gunnar Weiner	2018-03-26
14	Added company_id and type to all returned data. New fields in returned data from get_plan and get_order: orde-mdb-placering-id, orde-avtal, orde-agency-ctc.	Gunnar Weiner	2018-04-06
15	New fields for repeat_until and full_time_percentage in create_timereport. New function delete_timereport.	Gunnar Weiner	2018-04-10
16	New field for internal name in get_surcharge_codes and new function get_formats.	Gunnar Weiner	2018-04-12
17	New function create_user.	Gunnar Weiner	2018-04-17
18	New field in create_order_direct: traffic_status.	Gunnar Weiner	2018-04-25
19	New fields in create_order_direct: currency_rate, currency_invoice_rate, invoice_currency, invoice_currency_rate. New fields in output from get_order and get_plan: plan-kund-kst-kod, plan-kund-kst-namn, orde-valuta (already in API, but missing i this document), orde-valuta-kurs, orde-valuta-faktkurs, orde-fakt-valuta, orde-fakt-valuta-kurs. New fields in get_surcharge_codes: commission, fee, show_on_plan.	Gunnar Weiner	2018-06-20

	New field in get_medias: currency.		
20	New field in output from get_units: mediatype_id. New field in output from get_formats: mediatype_id. New field in get_medias: own_field. New field in create_project: campaign_id.	Gunnar Weiner	2018-07-12
21	Updated check of units in create_order and create_order_direct to handle all units in the media database.	Gunnar Weiner	2018-08-21
22	Added own fields to get_clients.	Gunnar Weiner	2018-08-24
23	New function create_proinvoice.	Gunnar Weiner	2018-08-28
24	New field in output from get_plan and get_order: orde-digital-channel-name.	Gunnar Weiner	2018-08-31
25	New field in create_plan: group_id.	Gunnar Weiner	2018-09-04
26	New field in create_plan: invoice_date	Gunnar Weiner	2018-09-07

Introduction

This document contains a description of the Marathon standard API. Before using the API some configuration has to be done by Kalin Setterberg to open it up.

This document contains some basic information needed to use the API. It also contains descriptions of all awailable functions.

Some functions are used for extracting data from base registers like clients, products, agreements and medias. These functions extract data from the base registers in the corresponding register in "Backoffice/Base registers" in the local Marathon implementation.

Some functions are used for extracting basic data from the media database maintained by the supplier of Marathon (Kalin Setterberg). To be able to use these API:s a special agreement with Kalin Setterberg is needed.

General

The API is basically a REST API where XML-data is sent to the Marathon server and XML-data is returned.

The XML-data should be sent to the Marathon server with HTTPS POST to the url you receive from Kalin Setterberg when the API is configured for you. The following illustrates the structure of the url.

https://<marathon server address>/cgi-bin/<program>?<password>

For each function in this document you will find an example of the input XML-data.

The password in the input XML-data is created in Marathon in "System/Integration API" where it is also possible to restrict the password to certain functions.

A reply xml is received directly from the marathon server. The reply xml has the following format if the result is OK.

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<marathon>
  <type>get_medias</type>
  <company_id>DS<company_id>
  <status>OK</status>
  xxx
</marathon>
```

xxx is replaced with fields relevant to the function. These fields are described for each function.

Format of the reply xml if anything goes wrong:

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<marathon>
  <status>ERROR</status>
  <message>company_id: missing</message>
</marathon>
```

Media functions

get_clients

Input: filter on client name
Output : active clients

Filtering can be done on the name. The search pattern can start and/or end by an asterisk. Without asterisk exact match is required. All searches are ignoring case.

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
 <password>xyz</password>
 <type>get_clients</type>
 <company_id>DS</company_id>
 <filter_client_name>*o</filter_client_name>
</marathon>
```

Reply:

```xml
<client id="VOLV" name="Volvo AB" internal_name="Volvo">
 <own_field id="000001" heading="SystemID">123456</own_field>
</client>
```

get_products

Input: client id
Output: active products

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_products</type>
  <company_id>DS</company_id>
  <client_id>VOLV</client_id>
</marathon>
```

Reply:

```xml
<product id="LAST" name="Lastbilar" />
<product id="PERS" name="Personbilar" />
```

get_agreements

Input: client id
Output: list of allowed agreements

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_agreements</type>
  <company_id>DS</company_id>
  <client_id>DS</client_id>
</marathon>
```

Reply:

```xml
<agreement id="VOLV-1" name="Volvo 30 dgr, 2 %" />
```

get_agreement_details

Input: agreement id
Output: agreement details

```
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
 <password>xyz</password>
 <type>get_agreement_details</type>
 <company_id>DS</company_id>
 <agreement_id>DS</agreement_id>
</marathon>
```

The function returns all fields currently in the client agreement (as of 29/10/12).

get_collective_mediatypes

Input: -
Output: all collective mediatypes

```
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_collective_mediatypes</type>
  <company_id>DS</company_id>
</marathon>
```

Reply:

```
<collective_mediatype id="ON" name="Online" />
<collective_mediatype id="PR" name="Print" />
<collective_mediatype id="TV" name="TV" />
```

get_mediatypes

Input: collective_mediatype_id (optional)
Output: mediatypes

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_mediatypes</type>
  <company_id>DS</company_id>
  <collective_mediatype_id></collective_mediatype_id>
</marathon>
```

Reply:

```xml
<mediatype id="22" name="Online Display" collective_mediatype_id="ON" />
<mediatype id="23" name="TV" collective_mediatype_id="TV" />
```

get_medias

Input: filtering on media name, media type, collective media type and country
Output: active medias

Filtering can be done on the name with the field filter_media_name. Filtering can be done with a wild card (*) in the beginning and at the end of the filter string.

Filtering can also be done on the media type code, collective media type code and country code with the fields filter_media_type, filter_collective_media_type and filter_country. More than one code can be filtered resulting in all medias with any of the codes returned. When filtering on more than one code the codes should be delimited by comma or space.

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_medias</type>
  <company_id>DS</company_id>
  <filter_media_name>dagens*</filter_media_name>
  <filter_media_type>01,02</filter_media_type>
  <filter_collective_media_type>PRIN</filter_collective_media_type>
  <filter_country>SE</filter_country>
</marathon>
```

Reply:

Commission is only returned if the check box "return commission" is checked in the API authorization.

```xml
<media id="DN" name="Dagens Nyheter">
  <publisher_name>Bonnier</publisher_name>
  <commission type="FORM" calc="pct">4.08</commission>
  <commission type="INFO" calc="pct">1.00</commission>
  <currency>SEK</currency>
  <own_field id="000001" heading="VendorID">123456</own_field>
</media>
```

get_discount_codes

Input: -
Output: all active discount codes

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_discount_codes</type>
  <company_id>DS</company_id>
</marathon>
```

Reply:

```xml
<discount_code id="SP" name="Special discount" />
<discount_code id="VO" name="Volume discount" />
```

get_surcharge_codes

Input: -
Output: active surcharge codes

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_surcharge_codes</type>
  <company_id>DS</company_id>
</marathon>
```

Reply:

```xml
<surcharge_code id="100" name="Colour" internal_name="" commission="true" fee="true"
show_on_plan="true" />
<surcharge_code id="101" name="Delivery" internal_name="" commission="false" fee="false"
show_on_plan="true" />
```

get_formats

Input: -
Output: active formats

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_formats</type>
  <company_id>DS</company_id>
</marathon>
```

Reply:

```xml
<format id="BA" name="Big ad">
  <mediatype_id>01</mediatype_id>
</format>
<format id="SA" name="Small ad">
  <mediatype_id>02</mediatype_id>
</format>
```

get_units

Input: -
Output: active unit codes

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_units</type>
  <company_id>DS</company_id>
</marathon>
```

Reply:

```xml
<unit id="MD" name="MD">
  <mediatype_id>01</mediatype_id>
</unit>
<unit id="CP" name="CPM">
  <mediatype_id>01</mediatype_id>
</unit>
```

get_digital_channels

Input: -
Output: all digital channels

```
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_digital_channels</type>
  <company_id>DS</company_id>
</marathon>
```

Reply:

```
<digital_channel id="DI" name="Display" />
<digital_channel id="VI" name="Video" />
```

get_campaign

Input: campaign id
Output: campaign data

```
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_campaign</type>
  <company_id>DS</company_id>
  <campaign_id>10001</campaign_id>
</marathon>
```

Reply:

```
<campaign_id>10001</campaign_id>
<name>Test campaign</name>
<PO_number>1234</PO_number>
<max_ctc>1000000</max_ctc>
<client_id>VOLV</client_id>
<active>true</active>
<plan_id>001001</plan_id>
<plan_id>001002</plan_id>
<project_id>VOLV0001</project_id>
<project_id>VOLV0002</project_id>
```

get_campaigns

Input: client id
Output: list of campaigns

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_campaigns</type>
  <company_id>DS</company_id>
  <client_id>VOLV</client_id>
</marathon>
```

Reply:

```xml
<campaign_id>10001</campaign_id>
<campaign_id>10002</campaign_id>
```

create_campaign

Input: campaign data
Output: campaign id

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>create_campaign</type>
  <company_id>DS</company_id>
  <campaign_id></campaign_id>
  <name>Test campaign</name>
  <PO_number>1234</PO_number>
  <max_ctc>1000000</max_ctc>
  <client_id>VOLV</client_id>
  <active>true</active>
</marathon>
```

Reply:

```xml
<campaign_id>10001</campaign_id>
```

get_plan

Input: plan id (one or many comma delimited up to 200 characters) or external plan number (one)
Output: plan details (standard Marathon internal)

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_plan</type>
  <company_id>DS</company_id>
  <plan_number>2001</plan_number>
  <external_plan_number></external_plan_number>
  <include_cancelled>false</include_cancelled>
</marathon>
```

Reply (there is an English translation below the example):

```xml
<?xml version="1.0" encoding="iso-8859-15"?>
<dok>
  <type>get_plan</type>
  <company_id>DS</company_id>
  <pur>
    <bas-pgem-edi-partyid-eget>5566778899</bas-pgem-edi-partyid-eget>
    <bas-pgem-edi-partyid-bank>SEBFFFIHH</bas-pgem-edi-partyid-bank>
    <bas-pgem-edi-ftg-namn>Kalin Setterberg Data AB (1)</bas-pgem-edi-ftg-namn>
    <bas-pgem-edi-ftg-gatuadr>Kungsgatan 38</bas-pgem-edi-ftg-gatuadr>
    <bas-pgem-edi-ftg-postort>Solna</bas-pgem-edi-ftg-postort>
    <bas-pgem-edi-ftg-postnr>11156</bas-pgem-edi-ftg-postnr>
    <bas-pgem-edi-ftg-tel>08-506 266 00</bas-pgem-edi-ftg-tel>
    <bas-pgem-edi-ftg-fax>08-506 266 10</bas-pgem-edi-ftg-fax>
    <bas-pgem-edi-ftg-mail>invoice@kase.se</bas-pgem-edi-ftg-mail>
    <bas-pgem-edi-ftg-hemsida>www.kase.se</bas-pgem-edi-ftg-hemsida>
    <bas-pgem-edi-ftg-vat-nr>SE556309998401</bas-pgem-edi-ftg-vat-nr>
    <bas-pgem-edi-ftg-vat-text>Innehar F-skattebevis</bas-pgem-edi-ftg-vat-text>
    <bas-pgem-edi-ftg-org-nr>556309-9984</bas-pgem-edi-ftg-org-nr>
    <bas-pgem-logo>DTA/KSP/BILD/LOGO-DMN</bas-pgem-logo>
    <bas-pgem-logo-bitm>DTA/KSP/BILD/LOGO-DMN-b</bas-pgem-logo-bitm>
    <bas-pgem-logo-hojd>0</bas-pgem-logo-hojd>
    <bas-pgem-logo-bitm-proc>100</bas-pgem-logo-bitm-proc>
    <bas-pgem-edi-inbet-swift>SEBSESS</bas-pgem-edi-inbet-swift>
    <bas-pgem-edi-inbet-konto>5407-12345678</bas-pgem-edi-inbet-konto>
    <bas-pgem-edi-inbet-bg>111-1111</bas-pgem-edi-inbet-bg>
    <bas-pgem-edi-inbet-pg>222222-2</bas-pgem-edi-inbet-pg>
    <bas-pgem-edi-iban>SE540712345678</bas-pgem-edi-iban>
    <bas-pgem-edi-bic>SEBFFFIHH</bas-pgem-edi-bic>
    <bas-pgem-edi-bank>SEB</bas-pgem-edi-bank>
    <bas-pgem-edi-fik-typ></bas-pgem-edi-fik-typ>
    <bas-pgem-edi-fik-konto></bas-pgem-edi-fik-konto>
    <bas-ftgs-land-kod>SE</bas-ftgs-land-kod>
    <bas-ftgs-land-namn>Sverige</bas-ftgs-land-namn>
    <bas-ftgs-land-namn-en>Sverige</bas-ftgs-land-namn-en>
    <plan>
```

```xml
<ftg>DS</ftg>
<plan-nr>2001</plan-nr>
<plan-alt-plannr></plan-alt-plannr>
<plan-utskrift-dat>20180227</plan-utskrift-dat>
<plan-utskrift-tid>16:06:08</plan-utskrift-tid>
<plan-kund-kod>KOLI</plan-kund-kod>
<plan-kund-namn>Konsum Linköping</plan-kund-namn>
<plan-kund-adr1></plan-kund-adr1>
<plan-kund-adr2></plan-kund-adr2>
<plan-kund-adr3></plan-kund-adr3>
<plan-kund-land></plan-kund-land>
<plan-kund-grupp-kod>01</plan-kund-grupp-kod>
<plan-kund-grupp-namn>Sverige</plan-kund-grupp-namn>
<plan-kund-sprak>SV</plan-kund-sprak>
<plan-kund-mail></plan-kund-mail>
<plan-kund-tel></plan-kund-tel>
<plan-kund-er-ref></plan-kund-er-ref>
<plan-kund-kst-kod>01</plan-kund-kst-kod>
<plan-kund-kst-namn>Sverige</plan-kund-kst-namn>
<plan-kundans-kod>GW</plan-kundans-kod>
<plan-kundans-namn></plan-kundans-namn>
<plan-kundans-tel></plan-kundans-tel>
<plan-kundans-mail></plan-kundans-mail>
<plan-overans-kod>GW</plan-overans-kod>
<plan-overans-namn></plan-overans-namn>
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<plan-mtypans-mail></plan-mtypans-mail>
<plan-prod-kod></plan-prod-kod>
<plan-prod-namn></plan-prod-namn>
<plan-prod-samma>J</plan-prod-samma>
<plan-ktkpers></plan-ktkpers>
<plan-namn></plan-namn>
<plan-ref></plan-ref>
<plan-ref-samma>J</plan-ref-samma>
<plan-avtal>KOLI</plan-avtal>
<plan-cuid></plan-cuid>
<plan-mark1></plan-mark1>
<plan-mark2></plan-mark2>
<plan-mark3></plan-mark3>
<plan-agare-kod>GW</plan-agare-kod>
<plan-agare-namn>Gunnar Weiner</plan-agare-namn>
<plan-agare-tel></plan-agare-tel>
<plan-agare-mail>gw@kase.se</plan-agare-mail>
<plan-skapat-dat>20180216</plan-skapat-dat>
<plan-aktiv>J</plan-aktiv>
<plan-godk-av></plan-godk-av>
<plan-godk-dat>0</plan-godk-dat>
<kampanj>Våren 2018</kampanj>
```

```xml
<orde>
 <orde-nr>103898</orde-nr>
 <orde-status>R</orde-status>
 <orde-utskriftsstatus>N</orde-utskriftsstatus>
 <orde-prod-kod></orde-prod-kod>
 <orde-prod-namn></orde-prod-namn>
 <orde-ref></orde-ref>
 <orde-cuid></orde-cuid>
 <orde-avtal>KOLI-ONL</orde-avtal>
 <orde-alt-ordernr></orde-alt-ordernr>
 <orde-offert></orde-offert>
 <orde-rubrik>Veckokampanj</orde-rubrik>
 <orde-media-kod>0435</orde-media-kod>
 <orde-media-namn>Dagens industri</orde-media-namn>
 <orde-forlag-kod>DI</orde-forlag-kod>
 <orde-forlag-namn>Dagens Industri förlag</orde-forlag-namn>
 <orde-mediatyp-kod>01</orde-mediatyp-kod>
 <orde-mediatyp-namn>Dagspress storstad</orde-mediatyp-namn>
 <orde-overmediatyp-kod>PRIN</orde-overmediatyp-kod>
 <orde-overmediatyp-namn>Print</orde-overmediatyp-namn>
 <orde-sekt-kod></orde-sekt-kod>
 <orde-sekt-namn></orde-sekt-namn>
 <orde-prisrad></orde-prisrad>
 <orde-placering></orde-placering>
 <orde-underplacering></orde-underplacering>
 <orde-mdb-placering-id>20180101-000001</orde-mdb-placering-id>
 <orde-agency-ctc>0.00</orde-agency-ctc>
 <orde-enhet kod="" namn=""></orde-enhet>
 <orde-bredd>0</orde-bredd>
 <orde-hojd>0</orde-hojd>
 <orde-format></orde-format>
 <orde-mdb-sbredd />
 <orde-mdb-shojd />
 <orde-mdb-ubredd />
 <orde-mdb-uhojd />
 <orde-mdb-besk />
 <orde-farg-kod></orde-farg-kod>
 <orde-farg-namn></orde-farg-namn>
 <orde-farg-anvisning></orde-farg-anvisning>
 <orde-mtrl-lev></orde-mtrl-lev>
 <orde-rep-nr/>
 <orde-mtrl-dag>20180214</orde-mtrl-dag>
 <orde-mtrl-tid>1500</orde-mtrl-tid>
 <orde-bokn-dag>20180209</orde-bokn-dag>
 <orde-bokn-tid/>
 <orde-valuta>DKK</orde-valuta>
 <orde-valuta-kurs>1.2345</orde-valuta-kurs>
 <orde-valuta-faktkurs>1.2345</orde-valuta-faktkurs>
 <orde-fakt-valuta>DKK</orde-fakt-valuta>
 <orde-fakt-valuta-kurs>10.1234</orde-fakt-valuta-kurs>
 <orde-mlev-ftg></orde-mlev-ftg>
 <orde-mlev-ktk></orde-mlev-ktk>
```

```xml
<orde-mlev-tel></orde-mlev-tel>
<orde-mlev-mail></orde-mlev-mail>
<orde-antalformat>0</orde-antalformat>
<orde-annonstyp></orde-annonstyp>
<orde-upplaga>96300</orde-upplaga>
<orde-lasartal>319000</orde-lasartal>
<orde-pixlar></orde-pixlar>
<orde-maxvikt></orde-maxvikt>
<orde-filformat></orde-filformat>
<orde-urlmtrlspec></orde-urlmtrlspec>
<orde-mtrllevadr></orde-mtrllevadr>
<orde-flashspec></orde-flashspec>
<orde-type-of-unit></orde-type-of-unit>
<orde-target-group></orde-target-group>
<orde-frequency-cap></orde-frequency-cap>
<orde-digital-channel-id></orde-digital-channel-id>
<orde-digital-channel-name></orde-digital-channel-name>
<orde-specialavtal></orde-specialavtal>
<mdb-hemsida>di.se</mdb-hemsida>
<mdb-kat-namn></mdb-kat-namn>
<mdb-in-visning-tot>96300</mdb-in-visning-tot>
<mdb-in-visning-unik>319000</mdb-in-visning-unik>
<mdb-r-period></mdb-r-period>
<mdb-r-omrade></mdb-r-omrade>
<mdb-r-kalla></mdb-r-kalla>
<plan-eget id="000001" rubrik="Eget text plan"></plan-eget>
<tidn-eget id="000001" rubrik="Kommentar">Kommentar på egna fält</tidn-eget>
<tidn-eget id="000002" rubrik="Paket Eagle">0435</tidn-eget>
<orde-mtrl-bokn-tel>08 573 650 00</orde-mtrl-bokn-tel>
<orde-mtrl-bokn-mail>annons@di.se</orde-mtrl-bokn-mail>
<orde-mtrl-lev-avd>Dagens Industri</orde-mtrl-lev-avd>
<orde-mtrl-lev-utdadr></orde-mtrl-lev-utdadr>
<orde-mtrl-lev-postadr>113 90 Stockholm</orde-mtrl-lev-postadr>
<orde-mtrl-lev-besadr>Torsgatan 21</orde-mtrl-lev-besadr>
<orde-mtrl-lev-mlev>E-post: traffic@di.se</orde-mtrl-lev-mlev>
<orde-mtrl-lev-mlev>Webbplats: webannons.di.se</orde-mtrl-lev-mlev>
<orde-mtrl-lev-mlev>Telefon: 08 573 650 15, Britt Lenander</orde-mtrl-lev-mlev>
<orde-mtrl-lev-mlev>Telefon: 08 573 653 08, Mats Lagus, bilaga</orde-mtrl-lev-mlev>
<inf>
 <inf-lopnr>1</inf-lopnr>
 <inf-inf-dat>20180216</inf-inf-dat>
 <inf-slutdat />
 <inf-inf-dat-fakt></inf-inf-dat-fakt>
 <inf-markning></inf-markning>
 <inf-utgava></inf-utgava>
 <inf-mtrlnr>0</inf-mtrlnr>
 <inf-ref></inf-ref>
 <inf-mtrl-dag>20180214</inf-mtrl-dag>
 <inf-mtrl-tid>1500</inf-mtrl-tid>
 <inf-bokn-dag>20180209</inf-bokn-dag>
 <inf-bokn-tid/>
 <inf-media-upplaga>96300</inf-media-upplaga>
```

```xml
<inf-media-lasartal>319000</inf-media-lasartal>
<pris>
 <pris-lopnr>1</pris-lopnr>
 <pris-till-kod>000</pris-till-kod>
 <pris-till-namn></pris-till-namn>
 <pris-till-fakt-media>J</pris-till-fakt-media>
 <pris-till-moms>M</pris-till-moms>
 <pris-till-visa-plan>J</pris-till-visa-plan>
 <pris-till-summera>J</pris-till-summera>
 <pris-till-visa-i-fot>N</pris-till-visa-i-fot>
 <pris-ers-kod>01</pris-ers-kod>
 <pris-antal>0.00</pris-antal>
 <pris-valuta>SEK</pris-valuta>
 <pris-bas-apris>0.00</pris-bas-apris>
 <pris-bas-brutto>1000000.00</pris-bas-brutto>
 <pris-rabatt>
  <pris-rabatt-kod>SP</pris-rabatt-kod>
  <pris-rabatt-namn>Special discount</pris-rabatt-namn>
  <pris-rabatt-typ>2</pris-rabatt-typ>
  <pris-rabatt-proc>50.00</pris-rabatt-proc>
  <pris-rabatt-grund>B</pris-rabatt-grund>
  <pris-rabatt-bas-belopp>500.00</pris-rabatt-bas-belopp>
 </pris-rabatt>
 <pris-bas-netto>500000.00</pris-bas-netto>
 <pris-prov-typ>1</pris-prov-typ>
 <pris-prov>
  <pris-prov-kod>FE</pris-prov-kod>
  <pris-prov-proc>3.00</pris-prov-proc>
  <pris-prov-bas-belopp>15000.00</pris-prov-bas-belopp>
 </pris-prov>
 <pris-prov>
  <pris-prov-kod>IE</pris-prov-kod>
  <pris-prov-proc>1.00</pris-prov-proc>
  <pris-prov-bas-belopp>5000.00</pris-prov-bas-belopp>
 </pris-prov>
 <pris-prov>
  <pris-prov-kod>BG</pris-prov-kod>
  <pris-prov-proc>1.00</pris-prov-proc>
  <pris-prov-bas-belopp>5000.00</pris-prov-bas-belopp>
 </pris-prov>
 <pris-prov>
  <pris-prov-kod>KN</pris-prov-kod>
  <pris-prov-proc>1.00</pris-prov-proc>
  <pris-prov-bas-belopp>5000.00</pris-prov-bas-belopp>
 </pris-prov>
 <pris-prov-bas-belopp-tot>30000.00</pris-prov-bas-belopp-tot>
 <pris-bas-netnet>470000.00</pris-bas-netnet>
 <pris-bas-kapk-kapk-1>0.00</pris-bas-kapk-kapk-1>
 <pris-bas-kapk-kapk-2>0.00</pris-bas-kapk-kapk-2>
 <pris-bas-kapk-kapk-3>0.00</pris-bas-kapk-kapk-3>
 <pris-bas-kapk-kapk-4>0.00</pris-bas-kapk-kapk-4>
 <pris-bas-kapk-kapk-tot>0.00</pris-bas-kapk-kapk-tot>
```

```
            <pris-bas-kapk-rab>0.00</pris-bas-kapk-rab>
            <pris-bas-kapk-tot>0.00</pris-bas-kapk-tot>
            <pris-bas-ordk-1>0.00</pris-bas-ordk-1>
            <pris-bas-ordk-2>0.00</pris-bas-ordk-2>
            <pris-bas-ordk-3>0.00</pris-bas-ordk-3>
            <pris-bas-ordk-tot>0.00</pris-bas-ordk-tot>
            <pris-bas-ctc>470000.00</pris-bas-ctc>
            <pris-status>U</pris-status>
            <pris-avtal></pris-avtal>
          </pris>
        </inf>
      </orde>
    </plan>
    <almanacka>
      <manad nr='2' namn='Februari'/>
      <vecka man='2' nr='7'>
        <datum man='2' veckodag='5'>20180216</datum>
      </vecka>
    </almanacka>
  </pur>
</dok>
```

Field name	English translation
bas-pgem-edi-partyid-eget	company info edi own party id
bas-pgem-edi-partyid-bank	company info edi bank party id
bas-pgem-edi-ftg-namn	company info edi company name
bas-pgem-edi-ftg-gatuadr	company info edi visiting address
bas-pgem-edi-ftg-postort	company info edi city
bas-pgem-edi-ftg-postnr	company info edi postal code
bas-pgem-edi-ftg-tel	company info edi phone number
bas-pgem-edi-ftg-fax	company info edi fax number
bas-pgem-edi-ftg-mail	company info edi e-mail
bas-pgem-edi-ftg-hemsida	company info edi home page
bas-pgem-edi-ftg-vat-nr	company info edi vat number
bas-pgem-edi-ftg-vat-text	company info edi vat text
bas-pgem-edi-ftg-org-nr	company info edi organization number
bas-pgem-logo	company info logo
bas-pgem-logo-bitm	company info logo bitmap
bas-pgem-logo-hojd	company info logo height
bas-pgem-logo-bitm-proc	company info logo bitmap percentage
bas-pgem-edi-inbet-swift	company info edi received payment swift
bas-pgem-edi-inbet-konto	company info edi received payment account number
bas-pgem-edi-inbet-bg	company info edi received payment bankgiro (Sweden)
bas-pgem-edi-inbet-pg	company info edi received payment plusgiro (Sweden)
bas-pgem-edi-iban	company info edi iban
bas-pgem-edi-bic	company info edi bic
bas-pgem-edi-bank	company info edi bank
bas-pgem-edi-fik-typ	company info edi fik type (Denmark)

bas-pgem-edi-fik-konto	company info edi fik account (Denmark)
bas-ftgs-land-kod	company info country code
bas-ftgs-land-namn	company info country name
bas-ftgs-land-namn-en	company info country name English
plan	**media plan start**
ftg	company
plan-nr	plan number
plan-alt-plannr	alternative (external) plan number
plan-utskrift-dat	print date
plan-utskrift-tid	print time
plan-kund-kod	client id
plan-kund-namn	client name
plan-kund-adr1	client address line 1
plan-kund-adr2	client address line 2
plan-kund-adr3	client address line 3
plan-kund-land	client address country
plan-kund-grupp-kod	client group code
plan-kund-grupp-namn	client group name
plan-kund-sprak	client language
plan-kund-mail	client e-mail
plan-kund-tel	client phone number
plan-kund-er-ref	client contact
plan-kund-kst-kod	client cost centre id
plan-kund-kst-namn	client cost centre name
plan-kundans-kod	client leader id
plan-kundans-namn	client leader name
plan-kundans-tel	client leader phone number
plan-kundans-mail	client leader e-mail
plan-overans-kod	superior client manager id
plan-overans-namn	superior client manager name
plan-overans-tel	superior client manager phone number
plan-overans-mail	superior client manager e-mail
plan-mtypans-kod	media type manager id
plan-mtypans-namn	media type manager name
plan-mtypans-tel	media type manager phone number
plan-mtypans-mail	media type manager e-mail
plan-prod-kod	product id
plan-prod-namn	product name
plan-prod-samma	product same on all orders
plan-ktkpers	contact
plan-namn	headline
plan-ref	reference number
plan-ref-samma	reference number same on all orders
plan-avtal	agreement id
plan-cuid	cuid
Plan-mark1	plan label 1
Plan-mark2	plan label 2
Plan-mark3	plan label 3
plan-agare-kod	plan owner id
plan-agare-namn	plan owner name

plan-agare-tel	plan owner phone number
plan-agare-mail	plan owner e-mail
plan-skapat-dat	creation date
plan-aktiv	active
plan-godk-av	approved by
plan-godk-dat	approved date
kampanj	campaign
orde	**order start**
orde-nr	order number
orde-status	status
orde-utskriftsstatus	print status
orde-prod-kod	product id
orde-prod-namn	product name
orde-ref	reference number
orde-cuid	cuid
orde-alt-ordernr	alternative (external) order number
orde-offert	offer
orde-rubrik	headline
orde-media-kod	media id
orde-media-namn	media name
orde-forlag-kod	publisher id
orde-forlag-namn	publisher name
orde-mediatyp-kod	media type id
orde-mediatyp-namn	media type name
orde-overmediatyp-kod	superior media type id
orde-overmediatyp-namn	superior media type name
orde-sekt-kod	section id
orde-sekt-namn	section name
orde-prisrad	pricerow
orde-placering	placement
orde-underplacering	subplacement
orde-mdb-placering-id	media database pricelist start date and pricerow id
orde-agency-ctc	manual agency ctc (not used by Marathon)
orde-enhet kod="" namn=""	unit, id, name
orde-bredd	width
orde-hojd	height
orde-format	size
orde-mdb-sbredd	type area width (from the media database)
orde-mdb-shojd	type area height (from the media database)
orde-mdb-ubredd	bleed width (from the media database)
orde-mdb-uhojd	bleed height (from the media database)
orde-mdb-besk	bleed margin
orde-farg-kod	colour id
orde-farg-namn	colour name
orde-farg-anvisning	colour description
orde-mtrl-lev	material delivery
orde-rep-nr	repetition
orde-mtrl-dag	material date
orde-mtrl-tid	material time

orde-bokn-dag	booking date
orde-bokn-tid	booking time
orde-valuta	order currency
orde-valuta-kurs	order currency rate
orde-valuta-faktkurs	order currency invoice rate
orde-fakt-valuta	invoice currency
orde-fakt-valuta-kurs	invoice currency rate
orde-mlev-ftg	material delivery company
orde-mlev-ktk	material delivery contact
orde-mlev-tel	material delivery phone number
orde-mlev-mail	material delivery e-mail
orde-antalformat	number of sizes
orde-annonstyp	ad type
orde-upplaga	edition
orde-lasartal	readers
orde-pixlar	pixels
orde-maxvikt	max weight
orde-filformat	file format
orde-urlmtrlspec	url material specification
orde-mtrllevadr	material delivery address
orde-flashspec	flash specification
orde-type-of-unit	type of unit
orde-target-group	target group
orde-frequency-cap	Frequency cap
orde-digital-channel-id	digital channel id
orde-digital-channel-namn	digital channel name
orde-specialavtal	special agreement
mdb-hemsida	homepage (from the media database)
mdb-kat-namn	category name (from the media database)
mdb-in-visning-tot	total impressions (from the media database)
mdb-in-visning-unik	unique impressions (from the media database)
mdb-r-period	period (from the media database)
mdb-r-omrade	area (from the media database)
mdb-r-kalla	edition source (from the media database)
plan-eget id="000001" rubrik="Eget text plan"	customized plan field, id, name
tidn-eget id="000001" rubrik="Kommentar"	customized media field, id, name
orde-mtrl-bokn-tel	booking phone number (from the media database)
orde-mtrl-bokn-mail	booking e-mail (from the media database)
orde-mtrl-lev-avd	material delivery address line 1 (from the media database)
orde-mtrl-lev-utdadr	material delivery address line 2 (from the media database)
orde-mtrl-lev-postadr	material delivery address line 3 (from the media database)
orde-mtrl-lev-besadr	material delivery visiting address (from the media database)
orde-mtrl-lev-mlev	material delivery address (from the media database)
inf	**insertion start**

inf-lopnr	insertion id
inf-inf-dat	start date
inf-slutdat	end date
inf-inf-dat-fakt	start date for invoicing
inf-markning	mark
inf-utgava	edition
inf-mtrlnr	material number
inf-ref	reference number
inf-mtrl-dag	material delivery date
inf-mtrl-tid	material delivery time
inf-bokn-dag	booking date
inf-bokn-tid	booking time
inf-media-upplaga	edition
inf-media-lasartal	readers
pris	**pricerow start**
pris-lopnr	pricerow id
pris-till-kod	surcharge code id
pris-till-namn	surcharge code name
pris-till-fakt-media	surcharge code invoiced from media
pris-till-moms	surcharge code VAT
pris-till-visa-plan	surcharge code show on plan
pris-till-summera	surcharge code sum
pris-till-visa-i-fot	surcharge code show in footing
pris-ers-kod	commission code
pris-antal	quantity
pris-valuta	currency
pris-bas-apris	base currency price per unit
pris-bas-brutto	base currency gross
pris-rabatt	**discount start**
pris-rabatt-kod	discount code
pris-rabatt-namn	discount name
pris-rabatt-typ	discount type
pris-rabatt-proc	discount percentage
pris-rabatt-grund	discount calculation base
pris-rabatt-bas-belopp	discount amount
pris-bas-netto	base currency net
pris-prov-typ	commission calculation order
pris-prov	**commission start**
pris-prov-kod	code
pris-prov-proc	percentage
pris-prov-bas-belopp	base currency amount
pris-prov-bas-belopp-tot	base currency commission amount total
pris-bas-netnet	base currency net-net
pris-bas-kapk-kapk-1	base currency fee 1
pris-bas-kapk-kapk-2	base currency fee 2
pris-bas-kapk-kapk-3	base currency fee 3
pris-bas-kapk-kapk-4	base currency fee 4
pris-bas-kapk-kapk-tot	base currency fee total
pris-bas-kapk-rab	base currency prip
pris-bas-kapk-tot	base currency fee and prip

pris-bas-ordk-1	base currency insertion fee 1
pris-bas-ordk-2	base currency insertion fee 2
pris-bas-ordk-3	base currency insertion fee 3
pris-bas-ordk-tot	base currency insertion fee total
pris-bas-ctc	base currency ctc
pris-status	status
pris-avtal	agreement id
almanacka	**calendar start**
manad nr='2' namn='Februari'/	month, number, name
vecka man='2' nr='7'	week, month, number
datum man='2' veckodag='5'	date, month, day of week

get_changed_plans

Input: date
Outut: list of plans

This file requests a list of changed plans and orders since a specific date.

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_changed_plans</type>
  <company_id>DS</company_id>
  <from>2016-10-01</from>
</marathon>
```

Returned fields:

```xml
<plan>
  <plan_id>002489</plan_id>
  <plan_changed>true</plan_changed>
  <order>
    <order_id>103765</order_id>
    <order_changed>true</order_changed>
  </order>
</plan>
```

create_plan

Input: plan data
Output: plan id

The following file creates a new plan. By providing a plan number a present plan can be changed.

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>create_plan</type>
  <company_id>DS</company_id>
  <plan_id></plan_id>
  <external_plan_number></external_plan_number>
  <name>Test plan</name>
  <cuid>123456</cuid>
  <PO_number>1234</PO_number>
  <PO_number_same>J</PO_number_same>
  <campaign_id>10001</campaign_id>
  <client_id>VOLV</client_id>
  <product_id>VOLV</product_id>
  <group_id>01</group_id>
  <agreement_id>VOLV-1</agreement_id>
  <invoice_date>2018-09-07</invoice_date>
  <owner_id>GW</owner_id>
  <comment>Comment 1</comment>
  <comment>Comment 2</comment>
  <comment>Comment 3</comment>
  <comment>Comment 4</comment>
  <comment>Comment 5</comment>
</marathon>
```

Reply:

```xml
<plan_id>10001</plan_id>
```

scratch_plan

Input: plan id
Output: -

This function deletes all orders in an active media plan with only preliminary orders.

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
 <password>xyz</password>
 <type>scratch_plan</type>
 <company_id>DS</company_id>
 <plan_number>2001</plan_number>
</marathon>
```

get_order

Input: order id (one or many comma delimited up to 200 characters) or external order number (one)
Output: order details

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_order</type>
  <company_id>DS</company_id>
  <order_number>2001</order_number>
  <external_order_number></external_order_number>
</marathon>
```

Reply (see get_plan for an English translation):

```xml
<?xml version="1.0" encoding="iso-8859-15"?>
<dok>
  <type>get_order</type>
  <company_id>DS</company_id>
  <pur>
   <orde>
     <plan-nr>2575</plan-nr>
     <plan-alt-plannr></plan-alt-plannr>
     <plan-kund-kst-kod>01</plan-kund-kst-kod>
     <plan-kund-kst-namn>Sverige</plan-kund-kst-namn>
     <orde-nr>103898</orde-nr>
     <orde-status>R</orde-status>
     <orde-utskriftsstatus>N</orde-utskriftsstatus>
     <orde-prod-kod></orde-prod-kod>
     <orde-prod-namn></orde-prod-namn>
     <orde-ref></orde-ref>
     <orde-cuid></orde-cuid>
     <orde-avtal>KOLI-ONL</orde-avtal>
     <orde-alt-ordernr></orde-alt-ordernr>
     <orde-offert></orde-offert>
     <orde-rubrik></orde-rubrik>
     <orde-media-kod>0435</orde-media-kod>
     <orde-media-namn>Dagens industri</orde-media-namn>
     <orde-forlag-kod>DI</orde-forlag-kod>
     <orde-forlag-namn>Dagens Industri förlag</orde-forlag-namn>
     <orde-mediatyp-kod>01</orde-mediatyp-kod>
     <orde-mediatyp-namn>Dagspress storstad</orde-mediatyp-namn>
     <orde-overmediatyp-kod>PRIN</orde-overmediatyp-kod>
     <orde-overmediatyp-namn>Print</orde-overmediatyp-namn>
     <orde-sekt-kod></orde-sekt-kod>
     <orde-sekt-namn></orde-sekt-namn>
     <orde-prisrad></orde-prisrad>
     <orde-placering></orde-placering>
     <orde-underplacering></orde-underplacering>
     <orde-mdb-placering-id>20180101-000001</orde-mdb-placering-id>
     <orde-agency-ctc>0.00</orde-agency-ctc>
```

```xml
<orde-enhet kod="" namn=""></orde-enhet>
<orde-bredd>0</orde-bredd>
<orde-hojd>0</orde-hojd>
<orde-format></orde-format>
<orde-mdb-sbredd />
<orde-mdb-shojd />
<orde-mdb-ubredd />
<orde-mdb-uhojd />
<orde-mdb-besk />
<orde-farg-kod></orde-farg-kod>
<orde-farg-namn></orde-farg-namn>
<orde-farg-anvisning></orde-farg-anvisning>
<orde-mtrl-lev></orde-mtrl-lev>
<orde-rep-nr/>
<orde-mtrl-dag>20180214</orde-mtrl-dag>
<orde-mtrl-tid>1500</orde-mtrl-tid>
<orde-bokn-dag>20180209</orde-bokn-dag>
<orde-bokn-tid/>
<orde-valuta>DKK</orde-valuta>
<orde-valuta-kurs>1.2345</orde-valuta-kurs>
<orde-valuta-faktkurs>1.2345</orde-valuta-faktkurs>
<orde-fakt-valuta>DKK</orde-fakt-valuta>
<orde-fakt-valuta-kurs>10.1234</orde-fakt-valuta-kurs>
<orde-mlev-ftg></orde-mlev-ftg>
<orde-mlev-ktk></orde-mlev-ktk>
<orde-mlev-tel></orde-mlev-tel>
<orde-mlev-mail></orde-mlev-mail>
<orde-antalformat>0</orde-antalformat>
<orde-annonstyp></orde-annonstyp>
<orde-upplaga>96300</orde-upplaga>
<orde-lasartal>319000</orde-lasartal>
<orde-pixlar></orde-pixlar>
<orde-maxvikt></orde-maxvikt>
<orde-filformat></orde-filformat>
<orde-urlmtrlspec></orde-urlmtrlspec>
<orde-mtrllevadr></orde-mtrllevadr>
<orde-flashspec></orde-flashspec>
<orde-type-of-unit></orde-type-of-unit>
<orde-target-group></orde-target-group>
<orde-frequency-cap></orde-frequency-cap>
<orde-digital-channel-id></orde-digital-channel-id>
<orde-digital-channel-name></orde-digital-channel-name>
<orde-specialavtal></orde-specialavtal>
<mdb-hemsida>di.se</mdb-hemsida>
<mdb-kat-namn></mdb-kat-namn>
<mdb-in-visning-tot>96300</mdb-in-visning-tot>
<mdb-in-visning-unik>319000</mdb-in-visning-unik>
<mdb-r-period></mdb-r-period>
<mdb-r-omrade></mdb-r-omrade>
<mdb-r-kalla></mdb-r-kalla>
<orde-eget id="000001" rubrik="Förkortning"></orde-eget>
<plan-eget id="000001" rubrik="Eget text plan"></plan-eget>
```

```xml
<tidn-eget id="000001" rubrik="Kommentar">Kommentar på egna fält</tidn-eget>
<tidn-eget id="000002" rubrik="Paket Eagle">0435</tidn-eget>
<orde-mtrl-bokn-tel>08 573 650 00</orde-mtrl-bokn-tel>
<orde-mtrl-bokn-mail>annons@di.se</orde-mtrl-bokn-mail>
<orde-mtrl-lev-avd>Dagens Industri</orde-mtrl-lev-avd>
<orde-mtrl-lev-utdadr></orde-mtrl-lev-utdadr>
<orde-mtrl-lev-postadr>113 90 Stockholm</orde-mtrl-lev-postadr>
<orde-mtrl-lev-besadr>Torsgatan 21</orde-mtrl-lev-besadr>
<orde-mtrl-lev-mlev>E-post: traffic@di.se     </orde-mtrl-lev-mlev>
<orde-mtrl-lev-mlev>Webbplats: webannons.di.se     </orde-mtrl-lev-mlev>
<orde-mtrl-lev-mlev>Telefon: 08 573 650 15, Britt Lenander     </orde-mtrl-lev-mlev>
<orde-mtrl-lev-mlev>Telefon: 08 573 653 08, Mats Lagus, annonsbilagor     </orde-mtrl-lev-mlev>
<inf>
 <inf-lopnr>1</inf-lopnr>
 <inf-inf-dat>20180216</inf-inf-dat>
 <inf-slutdat />
 <inf-inf-dat-fakt></inf-inf-dat-fakt>
 <inf-markning></inf-markning>
 <inf-utgava></inf-utgava>
 <inf-mtrlnr>0</inf-mtrlnr>
 <inf-ref></inf-ref>
 <inf-mtrl-dag>20180214</inf-mtrl-dag>
 <inf-mtrl-tid>1500</inf-mtrl-tid>
 <inf-bokn-dag>20180209</inf-bokn-dag>
 <inf-bokn-tid/>
 <inf-media-upplaga>96300</inf-media-upplaga>
 <inf-media-lasartal>319000</inf-media-lasartal>
 <pris>
  <pris-lopnr>1</pris-lopnr>
  <pris-till-kod>000</pris-till-kod>
  <pris-till-namn></pris-till-namn>
  <pris-till-fakt-media>J</pris-till-fakt-media>
  <pris-till-moms>M</pris-till-moms>
  <pris-till-visa-plan>J</pris-till-visa-plan>
  <pris-till-summera>J</pris-till-summera>
  <pris-till-visa-i-fot>N</pris-till-visa-i-fot>
  <pris-ers-kod>01</pris-ers-kod>
  <pris-antal>0.00</pris-antal>
  <pris-valuta>SEK</pris-valuta>
  <pris-bas-apris>0.00</pris-bas-apris>
  <pris-bas-brutto>1000000.00</pris-bas-brutto>
  <pris-rabatt>
   <pris-rabatt-kod>SP</pris-rabatt-kod>
   <pris-rabatt-namn>Special discount</pris-rabatt-namn>
   <pris-rabatt-typ>2</pris-rabatt-typ>
   <pris-rabatt-proc>50.00</pris-rabatt-proc>
   <pris-rabatt-grund>B</pris-rabatt-grund>
   <pris-rabatt-bas-belopp>500.00</pris-rabatt-bas-belopp>
  </pris-rabatt>
  <pris-bas-netto>500000.00</pris-bas-netto>
  <pris-prov-typ>1</pris-prov-typ>
  <pris-prov>
```

```xml
      <pris-prov-kod>FE</pris-prov-kod>
       <pris-prov-proc>3.00</pris-prov-proc>
       <pris-prov-bas-belopp>15000.00</pris-prov-bas-belopp>
      </pris-prov>
      <pris-prov>
       <pris-prov-kod>IE</pris-prov-kod>
       <pris-prov-proc>1.00</pris-prov-proc>
       <pris-prov-bas-belopp>5000.00</pris-prov-bas-belopp>
      </pris-prov>
      <pris-prov>
       <pris-prov-kod>BG</pris-prov-kod>
       <pris-prov-proc>1.00</pris-prov-proc>
       <pris-prov-bas-belopp>5000.00</pris-prov-bas-belopp>
      </pris-prov>
      <pris-prov>
       <pris-prov-kod>KN</pris-prov-kod>
       <pris-prov-proc>1.00</pris-prov-proc>
       <pris-prov-bas-belopp>5000.00</pris-prov-bas-belopp>
      </pris-prov>
      <pris-prov-bas-belopp-tot>30000.00</pris-prov-bas-belopp-tot>
      <pris-bas-netnet>470000.00</pris-bas-netnet>
      <pris-bas-kapk-kapk-1>0.00</pris-bas-kapk-kapk-1>
      <pris-bas-kapk-kapk-2>0.00</pris-bas-kapk-kapk-2>
      <pris-bas-kapk-kapk-3>0.00</pris-bas-kapk-kapk-3>
      <pris-bas-kapk-kapk-4>0.00</pris-bas-kapk-kapk-4>
      <pris-bas-kapk-kapk-tot>0.00</pris-bas-kapk-kapk-tot>
      <pris-bas-kapk-rab>0.00</pris-bas-kapk-rab>
      <pris-bas-kapk-tot>0.00</pris-bas-kapk-tot>
      <pris-bas-ordk-1>0.00</pris-bas-ordk-1>
      <pris-bas-ordk-2>0.00</pris-bas-ordk-2>
      <pris-bas-ordk-3>0.00</pris-bas-ordk-3>
      <pris-bas-ordk-tot>0.00</pris-bas-ordk-tot>
      <pris-bas-ctc>940000.00</pris-bas-ctc>
      <pris-status>U</pris-status>
     </pris>
    </inf>
   </orde>
  </pur>
</dok>
```

get_orders

Input: client, media and/or insertion period
Output: list of orders

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_orders</type>
  <company_id>DS</company_id>
  <client_id>VOLV</client_id>
  <media_id>DAIN</media_id>
  <from_insertion_date>2017-01-01</from_insertion_date>
  <to_insertion_date>2017-12-31</to_insertion_date>
</marathon>
```

Reply:

```xml
<order_number>2001</order_number>
<order_number>2011</order_number>
```

create_order

Input: order data
Output: -

The order is placed in the tab Order Import in Media/Plans.

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
 <password>xyz</password>
 <type>create_order</type>
 <company_id>DS</company_id>
 <external_system>Adform</external_system>
 <external_order_number>1234</external_order_number>
 <media_id>DN</media_id>
 <section_id>xxx</section_id>
 <placement_id>20100101-001154</placement_id>
 <placement_name>Motor</placement_name>
 <client_id>VOLV</client_id>
 <product_id>C</product_id>
 <agreement_id>VOLV-1</agreement_id>
 <client_reference>PO1234</client_reference>
 <client_contact>Sune Larsson</client_contact>
 <plan_number>1001</plan_number>
 <plan_name>New cars</plan_name>
 <cuid>123456</cuid>
 <status>P</status>
 <colour>0</colour>
 <unit>MD</unit>
 <column>2</column>
 <height>100</height>
 <module>22B</module>
 <format></format>
 <ad_type></ad_type>
 <comment></comment>
 <currency>DKK</currency>
 <agency_ctc>900</agency_ctc>
 <insertion>
  <insertion_date>2010-10-20</insertion_date>
  <end_date></end_date>
  <client_reference>1234</client_reference>
  <price_row>
   <price_code>000</price_code>
   <number_of_units>2500000</number_of_units>
   <gross>1000</gross>
   <discount>
    <code>FR</code>
    <percent>10,5</percent>
    <amount>105</amount>
   </discount>
   <comment>This is a comment!</comment>
  </price_row>
```

```
  </insertion>
</marathon>
```

Occurs 1 and 1- mean that the field is mandatory if the "block" that contains the field is present.

If more characters than the specified data type can hold is sent the data will be truncated.

If gross is not available, gross can be set to net and the discounts can be omitted.

Agency commission (byråprovision, informationsersättning mm) is automatically picked up from the media register when the order is created and should therefore not be considered a discount.

When creating an order from an entry in the order queue a callback file is created in XML/EXOR/<external system>". This callback file can be sent to the external system by a separate process. Please contact Kalin Setterberg for configuration of this.

```
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
 <type>callback_order</type>
 <company_id>DS</company_id>
 <external_system>Adform</external_system>
 <external_order_number>1234</external_order_number>
 <marathon_order_number>100100</marathon_order_number>
 <marathon_budget_number>20200</marathon_budget_number>
 <net>1000.00</net>
 <ctc>1030.00</ctc>
</marathon>
```

Field name	Occurs	Data type	Value (if used)	Comment
password	1	10A	A valid password	
type	1	25A	"create_order"	
company_id	1	4A	A valid company id	
external_system	1	10A	"Admaker", "Adform", "Trinity", "GMInternal", "Mediamind" or "Unicorn".	
external_order_number	0-1	30A	Free text	
media_id	0-1	10A	A valid media id in one of three formats: 1. Local media id (4 char). 2. Media id in media database (6 char). 3. "company id-local media id".	Manually entered when creating the order in Marathon if not present.
section_id	0-1	6A	A valid section id.	
placement_id	0-1	15A	A valid placement id in the media database	
placement_name	0-1	100A		
client_id	0-1	4A	A valid client id	Manually entered when creating the order in Marathon if not present.

product_id	0-1	4A	A valid product id	Manually entered when creating the order in Marathon if not present.
agreement_id	0-1	8A	A valid agreement id	Manually entered when creating the order in Marathon if not present.
client_reference	0-1	50A		
client_contact	0-1	50A		
plan_number	0-1	6N	A valid plan number	Manually entered when creating the order in Marathon if not present.
plan_name	0-1	50A	Free text	Manually entered when creating the order in Marathon if not present.
cuid	0-1	50A	Free text	
status	0-1	1A	D, P	Defaults to P if not present.
colour	0-1	1N	0, 1, 2 or 3	
unit	0-1	2A	MM, MD, SA, all units in the media database (currently 1A, 2M, 2V, 3V, 4V, 6M, CC, CO, CP, CV, DA, FP, KV, MA, VE) and locally created units.	Retrieved from the media database if not present
column	0-1	3N		
height	0-1	3N		
module	0-1	3A	A module in the format 99 or 99B	Cannot be used together with format
format	0-1	30A		Cannot be used together with module
ad_type	0-1	25A	Free text	Used by online
comment	0-1	280A		The field is splitted into 4 fields with 70 characters
currency	1	3A	A valid currency id (in Marathon).	
agency_ctc	0-1	9N+2 dec		
insertion	1-			
insertion_date	1	AAAA-MM-DD	A valid date	
end_date	0-1	AAAA-MM-DD	A valid date	
client_reference	0-1	50A		
price_row	0-			
price_code	0-1	3A	A valid price code id or "000"	
number_of_units	0-1	9N		
gross	1	9N		Retrieved from the media database if not present.
discount	0-4			The yearly discounts in Marathon is added to the

				order in addition to the discounts provided.
code	1	2A or 4A*	A valid discount id	
percent	1	3N+4dec		
amount	1	9N		
comment	0-3	50A	Comment shown on the invoice to the client	

* If the source system cannot handle discount codes with national characters character 3 and 4 can be used to express the national characters. The character 3 is used for character 1 and character 4 is used for character 2. As an example FÅ can be expressed as FA_O. The O "converts" A to Å. The following combinations are handled: AO=Å, AE=Ä, OE=Ö, AX=Æ, OX=Ø.

change_order

Input: external system, external order number and status
Output: -

This function is used to change status of an order created with the API function create_order. It is only possible to change status if the fields external_system and external_order_number matches exactly one order.

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>change_order</type>
  <company_id>DS</company_id>
  <external_system>Adform</external_system>
  <external_order_number>1234</external_order_number>
  <status>D</status>
</marathon>
```

The status for the order will be changed even if it is already created on a media plan. In that case the order is changed both in the order queue and in the media plan.

It is not possible to change status back from definitive (D) to preliminary (P).

change_client_status

Input: order id and client status
Output: -

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>change_client_status</type>
  <company_id>DS</company_id>
  <order_id>10001</order_id>
  <client_status>B</client_status>
</marathon>
```

create_order_direct

Input: order data
Ouput: order id

This function is used to create an order directly on a specifik plan. The fields are much the same as in create_order. See description above. The main difference is that fields that only are stored in the plan cannot be used with this function. The fields that can be used are shown below in the example.

Unlike create_order a present order can be changed by providing an order number in order_id. If an invoiced price row is changed the difference is put in a new price row.

If no commission fields are present the commission on the media is used (like in create_order).

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>create_order_direct</type>
  <company_id>DS</company_id>
  <order_id></order_id>
  <plan_number>1001</plan_number>
  <product_id>C</product_id>
  <external_order_number>1234</external_order_number>
  <PO_number>76812</PO_number>
  <cuid>123456</cuid>
  <media_id>DN</media_id>
  <section_id>1</section_id>
  <headline>Annonsrubrik</headline>
  <placement_id>20100101-001154</placement_id>
  <placement_name>Motor</placement_name>
  <unit>MD</unit>
  <status>P</status>
  <agreement_id>VOLV-1</agreement_id>
  <colour>0</colour>
  <column>2</column>
  <height>100</height>
  <format></format>
  <ad_type></ad_type>
  <comment>Order comment</comment>
  <currency>DKK</currency>
  <currency_rate>1.2345</currency_rate>
  <currency_invoice_rate>1.2345</currency_invoice_rate>
  <invoice_currency>EUR</invoice_currency>
  <invoice_currency_rate>10.1234</invoice_currency_rate>
  <agency_ctc>900</agency_ctc>
  <type_of_unit></type_of_unit>
  <target_group></target_group>
  <frequency_cap></frequency_cap>
  <digital_channel_id></digital_channel_id>
  <traffic_status></traffic_status>
  <own_field id="000001">ABC</own_field>
  <insertion>
```

```xml
      <insertion_date>2016-11-20</insertion_date>
      <end_date></end_date>
      <insertion_date_invoice></insertion_date_invoice>
      <PO_number>1234</PO_number>
      <price_row>
        <price_code>000</price_code>
        <number_of_units>2500000</number_of_units>
        <gross>1000</gross>
        <discount>
          <code>FR</code>
          <percent>10,5</percent>
          <amount>105</amount>
        </discount>
        <commission type="INFO" calc="pct">1.00</commission>
        <commission type="BETG" calc="pct">1.00</commission>
        <commission_calculation_order>1</commission_calculation_order>
        <comment>This is a comment!</comment>
      </price_row>
    </insertion>
  </marathon>
```

delete_order

Input: order id
Output: -

The function is used to delete an order. An invoiced order cannot be deleted.

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
 <password>xyz</password>
 <type>delete_order</type>
 <company_id>DS</company_id>
 <order_id>10001</order_id>
</marathon>
```

get_invoice

Input: invoice number
Output: pdf

This file gets the pdf of a client invoice created in the media system.

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_invoice</type>
  <company_id>DS</company_id>
  <invoice_number>1001</invoice_number>
  <watermark_copy>true</watermark_copy>
</marathon>
```

Media database functions

get_placements

Input: media id and insertion date
Output: placements

```
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_placements</type>
  <company_id>DS</company_id>
  <media_id>DN</media_id>
  <insertion_date>2010-10-10</insertion_date>
</marathon>
```

media_id can be specified in the following three formats.
1. Local media id (4 char).
2. Media id in media database (6 char).
3. "company id"-"local media id".

Reply (three examples):

```
<placement id="20100101-001154" name="Motor" weekday="MTOTF-S" unit="MM" />
<placement id="20100101-000125" name="Textsida" weekday="MTOT---" unit="SA" size="1/1" />
<placement id="20100101-000067" name="Textsida" weekday="MTOT---" unit="MD" />
```

get_insertion_dates

Input: media, month and placement
Output: valid insertion dates

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_insertion_dates</type>
  <company_id>DS</company_id>
  <media_id>DN</media_id>
  <placement_id>20100101-001154</placement_id>
  <year>2010</year>
  <month>10</month>
</marathon>
```

media_id can be specified in the following thre formats.
1. Local media id (4 char).
2. Media id in media database (6 char).
3. "company id"-"local media id".

Reply:

```xml
<insertion_date insertion_date="2010-10-01" material_date="2010-09-29 16:00" order_date="2010-09-28 12:00" />
<insertion_date insertion_date="2010-10-03" material_date="2010-09-30 12:00" order_date="2010-09-29 12:00" />
```

get_sizes

Input: media and placement
Output: valid sizes

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_sizes</type>
  <company_id>DS</company_id>
  <media_id>DN</media_id>
  <placement_id>20100101-001154</placement_id>
</marathon>
```

media_id can be specified in the following thre formats.
1. Local media id (4 char).
2. Media id in media database (6 char).
3. "company id"-"local media id".

Reply (three examples):

```xml
<size unit="MM" columns="1" width="29" height_min="5" height_max="360" />
<size unit="MM" columns="2" width="61" height_min="5" height_max="360" />

<size unit="SA" name="1/1" width="300" height_min="400" height_max="400" width_bleed="336" height_bleed="420" extra_bleed="4" />

<size unit="MD" name="22" width="80" height_min="80" height_max="80" />
<size unit="MD" name="22B" width="80" height_min="60" height_max="60" />
```

get_price

Input: media, placement, client, ad size and insertion date.
Output: smalles size that fits the ad and price

```
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_price</type>
  <company_id>DS</company_id>
  <media_id>DN</media_id>
  <placement_id>20100101-001154</placement_id>
  <client_id>VOLV</client_id>
  <colour>0</colour>
  <width>50</width>
  <height>100</height>
  <insertion_date>2010-10-20</insertion_date>
</marathon>
```

media_id can be specified in the following thre formats.
1. Local media id (4 char).
2. Media id in media database (6 char).
3. "company id"-"local media id".

colour=0 is b/w, 1 is black+1 colour, 2 is black+2 colours and 3 is full colour.

width and height must be specified if unit=MM or MD on the placement. The system chooses the cheapest ad where the given size fits. If unit=MM the number of columns and the height is returned in the fields column and height. If unit=MD the module code is returned in the field module.

Reply:

```
<column>2</column>
<height>100</height>
<module>22B</module>
<price currency="SEK" gross="8532" discount="-853" commission="-154" fee="230"
insertion_fee="30" ctc="7785 />
<agreement_identified>true</agreement_identified>
```

The above is a non valid example. If unit=MM only column and height is returned. If unit=MD only module is returned.

Project functions

get_proclients

Input: filering of client name, timereporting
Ouput: list of active clients

This function returns active clients in the job system with active projects that are open for time reporting.

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_proclients</type>
  <company_id>DS</company_id>
  <filter_client_name></filter_client_name>
  <timereporting>true</timereporting>
</marathon>
```

Reply:

```xml
<client id="VOLV" name="Volvo" internal_name="Volvo" />
```

get_project

Input: project id and period for retreiving hours
Output: basic project data

```
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_project</type>
  <company_id>DS</company_id>
  <client_id>VOLV</client_id>
  <project_no>0001</project_no>
  <from_date>2017-12-01</from_date>
  <to_date>2017-12-31</to_date>
</marathon>
```

Reply:

```
<project_name>New cars</project_name>
<project_leader_id>GW</project_leader_id>
<job_type_id>1001</job_type_id>
<fee_total>45.50</fee_total>
<fee_feecode feecode_id="010">10.00</fee_feecode>
<fee_feecode feecode_id="020">35.50</fee_feecode>
<fee_employee employee_id="GUWE">45.50</fee_employee>
```

get_projects

Input: client id and timereporting
Output: list of active projects

This function returns all active projects for the supplied client that are open for time reporting.

```
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_projects</type>
  <company_id>DS</company_id>
  <client_id>VOLV</client_id>
  <timereporting>true</timereporting>
</marathon>
```

Reply:

```
<project id="0001" name="New cars" />
```

create_project

Input: project data
Output: project id

Without project_no a new project is created if automatic project numbers is used. Otherwise project_no must be present and if the project already exists it is updates.

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>create_project</type>
  <company_id>DS</company_id>
  <client_id>VOLV</client_id>
  <project_no>0001</project_no>
  <project_name>New cars</project_name>
  <project_leader_id>GW</project_leader_id>
  <job_type_id>1001</job_type_id>
  <campaign_id>10001</campaign_id>
</marathon>
```

Reply:

```xml
<project_no>0001</project_no>
```

get_feecodes

Input: timereporting
Output: list of actve fee codes

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_feecodes</type>
  <company_id>DS</company_id>
  <timereporting>true</timereporting>
</marathon>
```

Reply:

```xml
<feecode id="010" name="Analys/Research" />
```

get_employee

Input: employee
Output: first non completely reported day the last two month

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_employee</type>
  <company_id>DS</company_id>
  <employee_id>GW</employee_id>
</marathon>
```

Reply:

```xml
<first_non_complete_date>2018-01-28</first_non_complete_date>
```

get_timereports

Input: employee and period
Output: list of timereports

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_timereports</type>
  <company_id>DS</company_id>
  <employee_id>GW</employee_id>
  <from_date>2017-12-01</from_date>
  <to_date>2017-12-31</to_date>
</marathon>
```

Reply:

```xml
<timereport>
  <employee_id>GW</employee_id>
  <date>2017-12-28</date>
  <client_id>VOL</client_id>
  <project_no>0001</project_no>
  <feecode_id>010</feecode_id>
  <hours>2,5</hours>
  <comment>Meeting with Claus</comment>
</timereport>
```

create_timereport

Input: timereport data
Output: -

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>create_timereport</type>
  <company_id>DS</company_id>
  <employee_id>GW</employee_id>
  <date>2017-12-28</date>
  <repeat_until></repeat_until>
  <client_id>VOL</client_id>
  <project_no>0001</project_no>
  <feecode_id>010</feecode_id>
  <hours>2,5</hours>
  <full_time_percentage></full_time_percentage>
  <comment>Meeting with Claus</comment>
</marathon>
```

If repeat_until is included a timereport for each working day (contracted hours > 0) from date to repeat_until will be created.

If full_time_percentage is included the field hours will be ignored and the number of hours will instead be the percentage of the contracted hours.

If the comment starts with "timereportID:" present timereports with the same ID will be deleted before the timereport is saved. For updated timereports a credit timereport will be created instead.

delete_timereport

Input: employee and comment
Output: -

The comment must start with "timereportID:". Timereports with this ID will be deleted. For updated timereports a credit timereport will be created instead.

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
 <password>xyz</password>
 <type>delete_timereport</type>
 <company_id>DS</company_id>
 <employee_id>GW</employee_id>
 <comment>timereportID:1001</comment>
</marathon>
```

get_proinvoice

Input: invoice number
Ouput: invoice data (no pdf)

This function returns data about a client invoice created in the job system.

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_proinvoice</type>
  <company_id>DS</company_id>
  <invoice_number>1001</invoice_number>
</marathon>
```

Reply:

```xml
<invoice>
  <invoice_number>1001</invoice_number>
  <invoice_date>2017-09-01</invoice_date>
  <due_date>2017-09-30</due_date>
  <booking_date>2017-09-01</booking_date>
  <client_id>VOLV</client_id>
  <project_no>0001</project_no>
  <base_currency>
    <currency>SEK</currency>
    <fee>2500</fee>
    <purchases>1000</purchases>
    <other>100</other>
    <pre_invoiced>-2000</pre_invoiced>
    <vat>400</vat>
    <total>2000</total>
  </base_currency>
  <invoice_currency>
    <currency>EUR</currency>
    <excl_vat>160</excl_vat>
    <vat>40</vat>
    <total>200</total>
  </invoice_currency>
</invoice>
```

get_proinvoices

Input: client and project
Output: list of invoices

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>get_proinvoices</type>
  <company_id>DS</company_id>
  <client_id>VOLV</client_id>
  <project_no>0001</project_no>
</marathon>
```

Reply:

```xml
<invoice_number>1001</invoice_number>
```

create_proinvoice

Input: invoice data
Ouput: -

This function creates an invoice to be invoiced in the job system. Only pre invoices are supported (invoice_content/type = "pre_inv_tot").

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>create_proinvoice</type>
  <company_id>DS</company_id>
  <client_id>VOLV</client_id>
  <project_no>0001</project_no>
  <user_id>GW</user_id>
  <row>
   <text>Development</text>
   <amount>20000</amount>
  </row>
  <row>
   <text>Testing</text>
   <amount>10000</amount>
  </row>
  <invoice_content>
   <type>pre_inv_tot</type>
   <amount>30000</amount>
  </invoice_content>
</marathon>
```

Other functions

create_user

Input: user, employee and cost object data
Ouput: created user_id

This function creates/changes a user and optionally employee and cost object. New users are always blocked. Existing active users can be blocked, but blocked users can not be activated.

user_id should be blank to create new clients. User id is generated from the initials of the first to names of the mail address if possible and otherwise the initials of the first and last words in the name followed by two digits. If user_id is not blank the user must exist and is changed by the function.

```xml
<?xml version='1.0' encoding='ISO-8859-1'?>
<marathon>
  <password>xyz</password>
  <type>create_user</type>
  <company_id>DS</company_id>
  <user_id>GW01</user_id>
  <name>Gunnar Weiner</name>
  <email>gw@kase.se</email>
  <phone>+46702653601</phone>
  <language>SV</language>
  <country>SE</country>
  <blocked>false</blocked>
  <immediate_superior></immediate_superior>
  <create_employee>true</create_employee>
  <occupation>01</occupation>
  <group>01</group>
  <cost_centre></cost_centre>
  <time_reporting>true</time_reporting>
  <code_in_payroll></code_in_payroll>
  <calendar>01</calendar>
  <start_date>1984-02-01</start_date>
  <end_date></end_date>
  <create_cost_object>true</create_cost_object>
</marathon>
```

Reply:

```xml
<user_id>GW01</user_id>
```