

Dispatch advice file

File format

Ver 2016

Document description File format for dispatch advice files to the Citymail Sweden AB
Version 2016
Date 2016-04-14

File type XML
Character set ANSI (Cp 1252)
Contents Dispatch advice information and quantity addition

Document history

Revision	Date	Changes
1	2016-04-14	Introducing the tag <machinesorted> bellow <preprocessing> and bellow <row>
	2016-04-14	avisering@citymail.se ends. New address is avisering@bringcitymail.com

1 Introduction

This document describes how Citymail's dispatch advice file should appear from 14/4 2016. A correct file is a prerequisite in order that Bring Citymail shall give sorting discounts on circulars as well as that circulars can become visible in the sender's partner web. The dispatch advice file must be sent to Citymail before the consignments are submitted in order that sorting discount can be given. For a detailed description of conditions see "Digital Dispatch Advice, Conditions 2013" and "Bring Citymail Conditions 2013".

2 File components

2.1 File name

The file must be named as follows:

`<Customer name>_<Circular name>_<Edition>_<Created date>.xml`.

(the fields: customer name, circularname, edition, createddate). We also want the Swedish characters to be replaced, åäö with aao and that spaces and for characters that are not accepted by the Windows 2000 operating system to be removed from the file name.

Example: For the customer "Customer Ltd" and circular "New Seed Magazine" that has no edition number, and which is processed 2012-03-05 10:13:25, the file name shall be: CustomerLtd_NewSeedMagazine__20120305101325.xml

Note that in this case there are two _ next to each other when the edition is not included.

2.2 Root and structure

The document consists of two main parts: `<header>` and `<rows>`, both of which are described in detail below.

The root node in the document must be `<deliverynotification>`. (The earlier name `<adresscount>` will also be accepted until further notice.)

All the elements in the main structure must be included in the file, even if they do not contain any data.

The file's main structure appears as follows:

```
<?xml version="1.0" encoding="UTF-8"?>
<deliverynotification>
  <header>
  </header>
  <rows>
  </rows>
</deliverynotification>
```

2.3 Header

In the `<header>` section there is information about the circular: whose is it, who has sorted it, sorting level, order number, etc. **This section must always be included.** All elements and attributes must be included in the file, even if they do not contain any data.

Element	Attribute	Data type	Mandatory	Comments
country		Alpha	Yes	Must contain SE or DK
createddate		Date	Yes	Date on which the sender sends the file
createddate	format	Alpha	Yes	Only "yyyy-mm-dd" allowed until further notice

customer			Yes		
customer	id	Alpha	Yes	Customer cust no. <i>at Bring Citymail</i>	
customername		Alpha	No	Customer name	
Circular			Yes		
circularname		Alpha	Yes	The customer's name on the circular	
edition		Alpha	No	Customer's number, or similar on the circular	
preprocessing			Yes		
abcfilename		Alpha	No	File name for the ABC list that has been used	
sortinglevel		Alpha	Yes	Sorting level, BAS or TILLAGG. BAS: when the address file is sorted only on zip code TILLAGG: when the address file is sorted on street name/number according to the terms in "Additional sorting 2013".	
machinesorted		Bool	No	If the sorting program has divided C5 format according to "machine" in the ABC-list. Values true/false alternative 1/0.	
partner			Yes		
partner	id	Integer	Yes	ID for the certified Bring Citymail partner who has sorted the file	
partnername		Alpha	No	Name of the certified Bring Citymail partner who has sorted the file	
deliverypartner			No		
deliverypartner	id	Integer	No	ID for the partner who shall submit the circular. Only stated if other than Partner ID	
deliverypartnername		Alpha	No	Name of the partner who shall submit the circular	
system			No		
systemname		Alpha	No	Name of the certified system/program that sorted the file	
systemversion		Alpha	No	Version of the certified system/program that sorted the file	
preldeliverydate		Date	Yes	Preliminary consignment submission date	
preldeliverydate	format	Alpha	Yes	Only "yyyy-mm-dd" allowed until further notice	
reference			No		
partnerreference		Alpha	No	Deliverer's own internal reference on the circular, such as work order number	
invoicereference		Alpha	No	What the sender would like the invoice from Bring Citymail will be labelled with.	
Weight		Integer	No	Unit weight in grams. If there are different unit weights, then the average weight in grams per item is stated.	Changed to data type "Integer"

Example

```
<header>
  <country>SE</country>
  <createddate format="yyyy-mm-dd">2012-10-
15</createddate>
  <customer id="K123456">
    <customername>Kundensnamn</customername>
  </customer>
  <circular id="">

  <circularname>Utskicketssnamn</circularname>
    <edition>edition1</edition>
  </circular>
  <preprocessing>
    <abcfilename>ABClistansnamn</abcfilename>
    <sortinglevel>TILLAGG</sortinglevel>
  <machinesorted>>false</machinesorted>
    <partner id="234567">

  <partnername>Preprocessingpartnernsnamn</partnername>
    </partner>
    <deliverypartner id="123456">

  <deliverypartnername>Postproducent</deliverypartnername>
    </deliverypartner>
    <system>

  <systemname>systemnamn</systemname>

  <systemversion>1.0</systemversion>
    </system>
  </preprocessing>
  <preldeliverydate format="yyyy-mm-dd">2016-04-
16</preldeliverydate>
  <reference>
    <partnerreference>A0-
123456</partnerreference>

  <invoicereference>testutskick1</invoicereference>
  </reference>
  <weight>132</weight>
</header>
```

2.4 Rows

The number of consignments per five-digit postal code are totalled up in the <rows> section. No changes in its content have been made since the previous version. Only postal codes with at least one (1) consignment should be included in the file.

Element	Attribute	Data type	Mandatory	Comments
Row			Yes	
postalcode		Alpha	Yes	Postal code, without spaces
quantity		Integer	Yes	Number of consignments for this postal code
machinesorted		Bool	No	If the sorting program has divided C5 format according to "machine" in the ABC-list. Values true/false alternative 1/0.

2.4.1 Example

(This example only contains a few rows, with <machinesorted>.)

```
<rows>
  <row>
    <postalcode>10103</postalcode>
    <quantity>12</quantity>
    <machinesorted>true</machinesorted>
  </row>
  <row>
    <postalcode>10105</postalcode>
    <quantity>31</quantity>
    <machinesorted>true</machinesorted>
  </row>
  <row>
    <postalcode>22305</postalcode>
    <quantity>3</quantity>
    <machinesorted>false</machinesorted>
  </row>
  <row>
    <postalcode>22456</postalcode>
    <quantity>9</quantity>
    <machinesorted>false</machinesorted>
  </row>
</rows>
```

(This example only contains a few rows.)

```
<rows>
  <row><postalcode>10103</postalcode><quantity>12</quantity></row>
  <row><postalcode>10105</postalcode><quantity>31</quantity></row>
  <row><postalcode>22305</postalcode><quantity>3</quantity></row>
  <row><postalcode>22456</postalcode><quantity>9</quantity></row>
</rows>
```

3 Dispatch advice

The dispatch advice file must be sent by e-mail to avisering@bringcitymail.com.

4 Complete example *This example is a complete file, except that only a few <row> elements are included.*

```
<?xml version="1.0" encoding="UTF-8"?>
<deliverynotification>
  <header>
    <country>SE</country>
    <createddate format="yyyy-mm-dd">2016-04-
14</createddate>
    <customer id="K123456">
      <customername>Kundensnamn</customername>
    </customer>
    <circular id="">
      <circularname>Utskicketssnamn</circularname>
      <edition>edition1</edition>
    </circular>
    <preprocessing>
      <abcfilename>ABClistansnamn</abcfilename>
      <sortinglevel>TILLAGG</sortinglevel>
      <machinesorted>true</machinesorted>
      <partner id="234567">
        <partnername>Preprocessingpartnersnamn</partnername>
        </partner>
        <deliverypartner id="123456">
          <deliverypartnername>Postproducent</deliverypartnername>
          </deliverypartner>
          <system>
            <systemname>systemnamn</systemname>
            <systemversion>1.0</systemversion>
          </system>
        </preprocessing>
        <preldeliverydate format="yyyy-mm-dd">2016-04-
16</preldeliverydate>
        <reference>
          <partnerreference>A0-
123456</partnerreference>
          <invoicereference>testutskick1</invoicereference>
        </reference>
        <weight>20</weight>
      </header>
      <rows>
        <row>
          <postalcode>10103</postalcode>
          <quantity>50</quantity>
          <machinesorted>true</machinesorted>
        </row>
        <row>
          <postalcode>10105</postalcode>
          <quantity>200</quantity>
          <machinesorted>true</machinesorted>
        </row>
        <row>
```

```
        <postalcode>22305</postalcode>
        <quantity>300</quantity>
        <machinesorted>>false</machinesorted>
    </row>
        <row>
        <postalcode>22456</postalcode>
        <quantity>100</quantity>
        <machinesorted>>false</machinesorted>
    </row>
</rows>
</deliverynotification>
```


5 Character conversion

In order that the file that is created shall be correct xml, some characters need to be converted. The characters in the 'Character' column are converted to the equivalent in the 'Character code' column.

Building character conversion for the characters from among these that are actually used works well, but the files we receive must always be correctly converted.

Character	Character code	Umlaut	Description
(Character)	(Code)	(Name)	(Description)
"	"	"	Quotation mark
&	&	&	And symbol (ampersand)
<	<	<	Less than
>	>	>	Greater than
	 	 	Non-breaking space
¡	¡	¡	Upside-down exclamation mark
¢	¢	¢	Cent sign
£	£	£	Pound
¤	¤	¤	Sun/Currency
¥	¥	¥	Yen
¦	¦	¦	Pipe/Vertical broken line
§	§	§	Paragraph sign
¨	¨	¨	Diaeresis/Umlaut
©	©	©	Copyright
ª	ª	ª	(Feminine ordinal)
«	«	«	Left angle quotes
¬	¬	¬	Logical "not" sign
-	­	­	Short dash
®	®	®	(Registered Trademark)
-	¯	¯	Long dash
°	°	°	Degrees
±	±	±	Plus-minus sign
²	²	²	Raised to the second power
³	³	³	Raised to the third power
´	´	´	Accent
µ	µ	µ	Micro
¶	¶	¶	Paragraph (in word processor)
·	·	·	Item (in bulleted list)
¸	¸	¸	Cedilla
¹	¹	¹	Raised to the first power
º	º	º	(Masculine ordinal)
»	»	»	Right angle quotes

¼	¼	¼	A quarter
½	½	½	A half
¾	¾	¾	Three-quarters
¿	¿	¿	Upside-down question mark
À	À	À	A with grave accent
Á	Á	Á	A with acute (forward leaning) accent
Â	Â	Â	A with circumflex
Ã	Ã	Ã	A with tilde over
Ä	Ä	Ä	A with diaeresis over
Å	Å	Å	A with ring over
Æ	Æ	Æ	A and E together
Ç	Ç	Ç	C with cedilla
È	È	È	E with grave accent
É	É	É	E with acute accent
Ê	Ê	Ê	E with circumflex
Ë	Ë	Ë	E with diaeresis over
Ì	Ì	Ì	I with grave accent
Í	Í	Í	I with acute accent
Î	Î	Î	I with circumflex
Ï	Ï	Ï	I with diaeresis over
Ð	Ð	Ð	(ETH)
Ñ	Ñ	Ñ	N with tilde over
Ò	Ò	Ò	O with grave accent
Ó	Ó	Ó	O with acute accent
Ô	Ô	Ô	O with circumflex over
Õ	Õ	Õ	O with tilde over
Ö	Ö	Ö	O with diaeresis over
×	×	×	Multiplication sign
Ø	Ø	Ø	O with slash
Ù	Ù	Ù	U with grave accent
Ú	Ú	Ú	U with acute accent
Û	Û	Û	U with circumflex over
Ü	Ü	Ü	U with diaeresis over
Ý	Ý	Ý	Y with acute accent
Þ	Þ	Þ	Icelandic THORN character
ß	ß	ß	German double-S
à	à	à	a with grave accent
á	á	á	a with acute accent
â	â	â	a with circumflex
ã	ã	ã	a with tilde
ä	ä	ä	a with diaeresis

å	å	å	a with ring over
æ	æ	æ	a and e in the same character
ç	ç	ç	c with cedilla
è	è	è	e with grave accent
é	é	é	e with acute accent
ê	ê	ê	e with circumflex
ë	ë	ë	e with diaeresis over
ì	ì	ì	i with grave accent
í	í	í	i with acute accent
î	î	î	i with circumflex
ï	ï	ï	i with diaeresis over
ð	ð	ð	(eth)
ñ	ñ	ñ	n with tilde over
ò	ò	ò	o with grave accent
ó	ó	ó	o with acute accent
ô	ô	ô	o with circumflex
õ	õ	õ	o with tilde over
ö	ö	ö	o with diaeresis
÷	÷	÷	Division sign
ø	ø	ø	o with slash
ù	ù	ù	u with grave accent
ú	ú	ú	u with acute accent
û	û	û	u with circumflex over
ü	ü	ü	u with diaeresis over
ý	ý	ý	y with acute accent
þ	þ	þ	Icelandic thorn character
ÿ	ÿ	ÿ	y with diaeresis over