HUA file

Structure of the HUA file corresponds to the format of the Hungarian foreign payment system.

The extension of the HUA file's name is ".HUA".

File consists of

- a header and
- an information section.

There could be several payment orders in a HUA file.

Each payment order starts with a starting brace ({) and an **order header**, and ends with an ending brace "}". The blocks of an order header are separated by "} {".

The structure of columns

C/O = completion of a field

$$c = compulsory$$

 $o = optional$
L/T = length of a field and data type
 $n = numeric \ 0 - 9$

- a = alphanumeric
- d = date in YYYMMDD format
- F = fixed field length
- V = variable length

The structure of the file header:

Content	C / O	L/T
<cr><lf>:01:</lf></cr>	k	16 a V
customer reference		
<cr><lf>:02:</lf></cr>	k	17 n V
Total amount of all orders,		
regardless of currencies		
<cr><lf>:03:</lf></cr>	k	5 n V
Number of orders in the file		
<cr><lf>:04:</lf></cr>	k	11 a V
Ordering party's SWIFT address		
<cr><lf>:05:</lf></cr>	k	4*35 a
Ordering party's name and address		V
The data can be written in several		
rows. Each row must be separated		
by <cr><lf></lf></cr>		
<cr><lf>:07:</lf></cr>	k	12 a V
The name of the file		

Structure of the order header:

1:F01 xxxxxxxxxaxxx bbbb tttttt	Constant Basic Header Block Ordering party's SWIFT address file-number (generated by the program from 0 to 999) transaction number (increasing from 0 - 999999)		
2:I100 xxxxxxxxxxxxxxx y	Co	nstant Application Header Block Beneficiary Swift address Payment type code	
00	Ν	Standard transfer	
10		Telex payment or SWIFT express	
20	А		
21	В	Check, registered announcements	
22		Check, announcements by courier	
23		Check, registered announcements by courier	
30	E	Check for the ordering party	
31	F	Check for the ordering party, announcements registered	
32	G	Check for the ordering party, announcements by	
		irier	
33	Н	Check for the ordering party, announcements registered + by courier	
1	Co	nstant End of Application Header Block	

^{4:} Constant Text Block

The orders are separated by the \$ sign. The new order starts in the same row with "{" and an order header.

The fields within an order are separated by the $\langle CR \rangle \langle LF \rangle$ (ASCII 13 + 10) sequence.

The structure of the Text Block (a payment order):

Content	C/O	L / T
<cr><lf>:20:</lf></cr>	С	16 a V
Customer reference		
<cr><lf>:32A:</lf></cr>	с	
<u>subfield 1:</u>		
order's value date (YYMMDD)		6 n F
<u>subfield 2:</u>		
ISO code of the amount's currency.		3 a F
<u>subfield 3</u>		
Amount (with 2 decimals)		
		15 n V
<cr><lf>:50:</lf></cr>	с	
Ordering party (at most 4 rows,		4*35 a
in each row at most. 35 letters,		V
followed at		
the end by <cr><lf>)</lf></cr>		
<cr><lf>:52D:</lf></cr>	с	
<u>subfield 1:</u>		
Ordering party account number		20 a V

<cr><lf> subfield 2: Charges account number20 a V<math><cr><lf></lf></cr></math> subfield 3: Contra-currency ISO code3 a Fsubfield 1: amount in contra-currency (215 n Vdecimals) <math><cr><lf></lf></cr></math> subfield 5: (def. by HU clearing sys) Statistical code6 n VStatistical code6 n V<math><blank></blank></math> (ASCII 32) Beneficiary country code (ISO)2 a F<math><cr><lf>:57A:</lf></cr></math> Beneficiary bank Swift address11 a V<math><cr><lf>:57A:</lf></cr></math> subfield 1: Hyphen "/"1 a Fsubfield 2: Beneficiary account number subfield 3: <math><cr><lf>24 a Vsubfield 3:<math><cr><lf></lf></cr></math>4*35 away field 3: CR><lf>)4*35 a</lf></lf></cr></math></lf></cr>
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the end
max. 55
character/row, followed at the end
by <cr><lf>)</lf></cr>
<cr><lf>:71A:</lf></cr> c 3 a F
cost accounting
BN1:
0 Domestic chrg> OUR
Econica > Deneficient
Foreign -> Beneficiary
OUR:
1 all expenses are on the
ordering
party
BN2:
2 all expenses are on the
beneficiary.
<pre>CR><lf>:/2:</lf></pre>
subfield 1:
subfield 1:at most 4 instruction codes4*2 n F
subfield 1:at most 4 instruction codes(2 digits numerical codes separated
subfield 1:at most 4 instruction codes4*2 n F(2 digits numerical codes separatedby
subfield 1:at most 4 instruction codes4*2 n F(2 digits numerical codes separatedbyspaces (ASCII 32))
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subfield 1:at most 4 instruction codes4*2 n F(2 digits numerical codes separatedbyspaces (ASCII 32))0101Payment only for beneficiaries

informed by phone		
07 The beneficiary's bank should be		
informed by fax		
09 The beneficiary should be		
informed by phone		
10 The beneficiary should be		35 a V
informed by fax		
	0	4*35 a
<u>subfield 2:</u>		V
Partner		
<u>subfields 3:</u>		
Supplementary information for the		
field :52D:		
(at most 4 rows, max. 35		
character/row, followed at the end by		
<cr><lf>)</lf></cr>		
		2 aF "T "
<u>subfield 4:</u>		15 aF
fix item		2 aF "F "
contact person phone number		15 aV
fix item		
fax number		
		2 aF
<u>subfield 5:</u>		
Ordering party country code		1 aF
Space		
Ordering party resident [Y/N]		1 aF
Space		
Partner resident [Y/N]		1 aF
Space		
Fax acknowledgement [Y/N]		1 aF
Space		
Úrgent [Y/N]		1 aF
Space		
Viber [Y/N]		