Data Dictionary - Ecommerce Regular Expressions

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REVISION HISTORY

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Ecommerce Regular Expressions

The PayPage and Browser Post API use a specific subset of EPX transaction request fields. This document lists the fields along with the regular expressions that are used to validate them during the processing of a transaction. Please refer to the *Data Dictionary* for a complete definition for each field.

Field Name	Regular Expression
ACCOUNT_NBR (CC)	^([0-9]{4}|[0-9]{13,19})$
ACCOUNT_NBR (ACH)	^([0-9]{1,17})$
ADDRESS	(?=^.{0,30}$)^([0-9a-zA-Z\s\-.,#()]\|(\d\/\d)){0,30}$
AMOUNT	^([0]|[1-9][0-9]{0,6})(?:\.[0-9]{2})?$
AUTH_CODE	^([0-9A-Z]{1,6})$
AUTH_GUID	^([0-9a-zA-Z]{19})$
BATCH_ID	^[0-9]{1,10}$
CARD_ENT_METH	^[ABDGHMQRX0123]{1}$
CASH_BK_AMT	^([0]|[1-9][0-9]{0,6})(?:\.[0-9]{2})?$
CHECK_NBR	^([0-9]{1,15})$
CITY	^([0-9a-zA-Z\s\.\-\,]){1,20}$
CURRENCY_CODE	^([0-9]){1,3}$
CVV2	^([0-9]{3}|[0-9]{4})$
EXP_DATE	^[\d]{2}([1][0-2]|[0][1-9])$
FIRST_NAME	^(?![\.\-\,]{1,25})([0-9a-zA-Z\s\.\-\,\']){1,25}$
FOLIO_NBR	^([0-9a-zA-Z\s\.\-\,\#\(\)]){1,25}$
INVOICE_NBR	^([0-9a-zA-Z\s\.\-\,_\#\(\)]){1,25}$
ISSUE_NBR	^([0-9]){1,3}$
LAST_NAME	^(?![\.\-\,]{1,25})([0-9a-zA-Z\s\.\-\,\']){1,25}$

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Field Name	Regular Expression
ORDER_NBR	^([0-9a-zA-Z\s\.\-\,\#\(\)])\{1,25}$
ORIG_AUTH_GUID	^([0-9a-zA-Z]{19})$
PHONE_CELL	^([\(]?[1-9][0-9][0-9][\)\-]?[\s]?[1-9][0-9][0-9][-]?[0-9]{4})$
PHONE_HM	^([\(]?[1-9][0-9][0-9][\)\-]?[\s]?[1-9][0-9][0-9][-]?[0-9]{4})$
PHONE_WK	^([\(]?[1-9][0-9][0-9][\)\-]?[\s]?[1-9][0-9][0-9][-]?[0-9]{4})$
PIN_BLK	^[0-9A-Fa-f]{36}$
RENTAL_NBR	^([0-9a-zA-Z\s\.\-\,\#\(\)])\{1,25}$
ROUTING_NBR	^([0-9]{9})$
SERVER_OPR	^([0-9a-zA-Z\s\.\-\,\#\(\)])\{1,25}$
SOFT_DESCRIPTOR	^([0-9a-zA-Z\s\.\-\,\#\(\)])\{1,40}$
START_DATE	^(0[1-9][0-9]{0,4}|1[0-2][0-9]{0,4})$
STATE	^([a-zA-Z]){2}$
STD_ENTRY_CLASS	^(ARC|CIE|PPD|TEL|WEB|CCD|CTX|DNE|POP)$
TAX_AMT	^([0]|[1-9][0-9]{0,6})(?:\.[0-9]{2})?$
TIP_AMOUNT	^([0]|[1-9][0-9]{0,6})(?:\.[0-9]{2})?$
TRACK_DATA	^.{183}$
USER_DATA_1	^([0-9a-zA-Z_\s\.\-\,\#\(\)\@])\{1,80}$
USER_DATA_2	^([0-9a-zA-Z_\s\.\-\,\#\(\)\@])\{1,80}$
USER_DATA_3	^([0-9a-zA-Z_\s\.\-\,\#\(\)\@])\{1,80}$
USER_DATA_4	^([0-9a-zA-Z_\s\.\-\,\#\(\)\@])\{1,80}$
USER_DATA_5	^([0-9a-zA-Z_\s\.\-\,\#\(\)\@])\{1,80}$
USER_DATA_6	^([0-9a-zA-Z_\s\.\-\,\#\(\)\@])\{1,80}$
USER_DATA_7	^([0-9a-zA-Z_\s\.\-\,\#\(\)\@])\{1,80}$

Field Name	Regular Expression
USER_DATA_8	^([0-9a-zA-Z_\s\.\-\,\#\(\)\@]){1,80}$
USER_DATA_9	^([0-9a-zA-Z_\s\.\-\,\#\(\)\@]){1,80}$
USER_DATA_10	^([0-9a-zA-Z_\s\.\-\,\#\(\)\@]){1,80}$
ZIP_CODE	^([0-9a-zA-Z\s\-]){1,10}$