# Extract

Extract a field from a record, CSV element or SQL field.

### Phase

This instruction is used by the TapeTrack Import Engine.

## Syntax

Extract(field, offset, length, record);

string field; Integer offset; Integer length; Integer record;

Variat	ole 1	Гуре	Description I	Min Ler	ngth	Max Leng	th Min	Value	Max Value
field		String	The field to be set by this extraction.	1		128			
offset	Inte	eger t	The zero based offset of the data to extract, or the element index of a CS element or SQL element. In the ever the data being processed is CSV bas value of zero indicates that the raw string should be extracted rather that ndividual CSV element.	SV ht that sed, a CSV	1 10	-214748364	214748	83647	
length	Inte	eger	The length of the data to be extracted data is text based, or the maximum ength for CSV or SQL data.		1	10	-21474	8364	2147483647
record	Inte	r eger r z	The record within a header, if the van non-zero and the data is text based. record that is not a header if the val zero and the data is text based. For SQL data this argument is ignored.	A ue is	1	10	-21474	8364	2147483647

### Example

#### Extract: Extract VOLUME field from offset 10, length 6 of the body of a report.

Extract(VOLUME, 10, 6, 0);

#### Extract: Extract VOLUME field from the 2nd element of a CSV file.

SetCSVDelimiter(",");

Extract(VOLUME, 2, 6, 0);

#### Extract: Extract REPOSITORY field from offset 70, length 4 of the 3rd record of a header.

Extract(REPOSITORY, 70, 4, 3); import engine, sync engine

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