

## HBase Table in Tabular view

RowKey	Column Family	
	Column Qualifier1	Column Qualifier2
1	A	10
2	B	20
3	C	30

## HBase Table mapping to RDBMS Table

Row Key	Data
1	<code>columnfamily:{'columnqualifier1':'A','columnqualifier2':'10'}</code>
2	<code>columnfamily:{'columnqualifier1':'B','columnqualifier2':'20'}</code>
3	<code>columnfamily:{'columnqualifier1':'C','columnqualifier2':'30'}</code>

Row Key: Translates as Primary Key in relational table

Column Family: Group of Column Qualifier having same characteristics are placed together in a Column Family. In the table below, there are two different column families, *columnfamily1* and *columnfamily11*. A Column Family can have more than 1 column qualifiers, in the table below, *columnfamily1* has 2 column qualifiers, *columnqualifier1* and *columnqualifier2*.

Row Key	Data
1	<code>columnfamily1:{'columnqualifier1':'A','columnqualifier2':'10'}</code> <code>columnfamily11:{'columnqualifier1':'A1','columnqualifier2':'11'}</code>

Column Qualifier: Column Qualifier maps to a column in RDBMS terms. A single column can have different values at different timestamps.

Row Key	Data
1	<code>columnfamily:{'columnqualifier':'A'@timestamp=1417524574905,</code> <code>'columnqualifier':'B'@timestamp=1417524575978}</code>

Data is always stores as byte[ ] in HBase.