

| HBase Shell Field Summary |                     |                                                                                                                                                                                                                       |
|---------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| String                    | <b>COLUMN</b>       | String con el nombre de la columna 'c1' o columnas ['c1', 'c2']                                                                                                                                                       |
| Vector                    | <b>COLUMNS</b>      | Vector con los nombres de las columnas ['c1', 'c2']                                                                                                                                                                   |
| Long                      | <b>TIMESTAMP</b>    | Entero de tipo long con el timestamp para restringir las celdas en una búsqueda                                                                                                                                       |
| Vector                    | <b>TIMERANGE</b>    | Vector con los timestamps de las celdas a considerar [1303668804, 1303668904]                                                                                                                                         |
| Integer                   | <b>VERSIONS</b>     | Entero con el número de versiones a considerar                                                                                                                                                                        |
| Boolean                   | <b>IN_MEMORY</b>    | Incrementa el cacheo de objetos KeyValue en memoria para una Column Family                                                                                                                                            |
| Vector                    | <b>CONFIG</b>       | Vector con propiedades de configuración para alter table, por ejemplo, CONFIG => {'hbase.hstore.blockingStoreFiles' => '10'}                                                                                          |
| Byte Array                | <b>STOPROW</b>      | Rowkey de la última fila a considerar. Este Rowkey no formará parte del resultado                                                                                                                                     |
| Byte Array                | <b>STARTROW</b>     | Rowkey de la primera fila a considerar "key\x03\x3f\xcd"                                                                                                                                                              |
| Boolean                   | <b>RAW</b>          | Indica si se deben devolver todas las celdas incluyendo aquellas marcadas como “deleted”                                                                                                                              |
| Integer                   | <b>LIMIT</b>        | Número entero indicando cuantas filas se devuelven como máximo                                                                                                                                                        |
| String                    | <b>METHOD</b>       | Acción a tomar en un alter, por ejemplo: 'table_att_unset', 'table_att', 'delete'                                                                                                                                     |
| Boolean                   | <b>CACHE_BLOCKS</b> | Activa o desactiva el cache de bloques en el scan                                                                                                                                                                     |
| Long                      | <b>INTERVAL</b>     | Entero de tipo long para mostrar los resultados parciales de Count                                                                                                                                                    |
| Long                      | <b>CACHE</b>        | Entero de tipo long para cachear filas durante un Scan                                                                                                                                                                |
| Object                    | <b>FILTER</b>       | Instancia de filtro de HBase o expresión (HBASE-4176 JIRA) combinando filtros predefinidos. Por ejemplo:<br><br>"(PrefixFilter ('row2') AND (QualifierFilter (>=, 'binary:xyz')) AND (TimestampsFilter ( 123, 456)))" |
| Vector                    | <b>SPLITS</b>       | Vector con las Rowkeys para configurar el Split de una Column Family ['10', '20', '30', '40']                                                                                                                         |
| String                    | <b>SPLITS_FILE</b>  | Nombre del fichero con los Splits de una Column Family                                                                                                                                                                |
| String                    | <b>SPLITALGO</b>    | Nombre de algoritmo de Split de Regiones: ("HexStringSplit", "UniformSplit") o instancia de clase que implementa el algoritmo                                                                                         |
| Integer                   | <b>NUMREGIONS</b>   | Número de regiones de una Column Family                                                                                                                                                                               |

| HBase Shell Field Summary  |         |                                                                                                         |
|----------------------------|---------|---------------------------------------------------------------------------------------------------------|
| Property                   | Type    | Description                                                                                             |
| <b>MAX_FILESIZE</b>        | Fixnum  | The maximum size upto which a region can grow to after which a region split is triggered                |
| <b>READONLY</b>            | Boolean | If the table is read-only                                                                               |
| <b>MEMSTORE_FLUSH_SIZE</b> | Fixnum  | The maximum size of the memstore after which the contents of the memstore are flushed to the filesystem |
| <b>DEFERRED_LOG_FLUSH</b>  | Boolean | Defer the log edits syncing to the file system                                                          |

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## HTableColumnDescriptor

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| Property                     | Type          | Description                                                                                            |
|------------------------------|---------------|--------------------------------------------------------------------------------------------------------|
| <b>BLOCKCACHE</b>            | Boolean       | If MapFile blocks should be cached                                                                     |
| <b>BLOCKSIZE</b>             | Fixnum        | Blocksize to use when writing out storefiles/hfiles on this column family                              |
| <b>BLOOMFILTER</b>           | Symbol/String | Bloom filter type: none, row, rowcol, or uppercase Strings                                             |
| <b>CACHE_BLOOMS_ON_WRITE</b> | Boolean       | If we should cache bloomfilter blocks on write                                                         |
| <b>CACHE_DATA_ON_WRITE</b>   | Boolean       | If we should cache data blocks on write                                                                |
| <b>CACHE_INDEX_ON_WRITE</b>  | Boolean       | If we should cache index blocks on write                                                               |
| <b>COMPRESSION</b>           | Symbol/String | Compression type: none, gz, lzo, snappy, or uppercase Strings                                          |
| <b>COMPRESSION_COMPACT</b>   | Symbol/String | Compression type: none, gz, lzo, snappy, or uppercase Strings                                          |
| <b>DATA_BLOCK_ENCODING</b>   | Symbol/String | Data block encoding algorithm used in block cache: none, diff, fast_diff, prefix, or uppercase Strings |
| <b>ENCODE_ON_DISK</b>        | Boolean       | If we want to encode data block in cache and on disk                                                   |
| <b>EVICT_BLOCKS_ON_CLOSE</b> | Boolean       | If we should evict cached blocks from the blockcache on close                                          |
| <b>IN_MEMORY</b>             | Boolean       | If we are to keep all values in the HRegionServer cache                                                |
| <b>KEEP_DELETED_CELLS</b>    | Boolean       | If deleted rows should not be collected immediately                                                    |
| <b>MIN_VERSIONS</b>          | Fixnum        | The minimum number of versions to keep (used when timeToLive is set)                                   |
| <b>REPLICATION_SCOPE</b>     | Fixnum        | Replication scope                                                                                      |
| <b>TTL</b>                   | Fixnum        | Time-to-live of cell contents, in seconds                                                              |
| <b>VERSIONS</b>              | Fixnum        | The maximum number of versions. (By default, all available versions are retrieved.)                    |

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