

| Query                  |                          |
|------------------------|--------------------------|
| Match field            | field1:"query_term"      |
| Field contains A or B  | field1:(term1 OR term2)  |
| Field contains A and B | field1:(term1 AND term2) |
| Field missing          | _missing_:field          |
| Field exists           | _exists_:title           |

| Wildcards  |   |
|--|---|
| Single character   | ? |
| Multiple characters  | * |
| Fuzzy  | ~ |
| Be careful with the * wildcard. It can create gigantic queries |   |

| Grouping   |                                    |
|--|------------------------------------|
| <b>Basics</b>  | (term operator term) operator term |
| Boolean logic combined with brackets                       |                                    |
| Example: Must contain either or both term1/term2 and term3 |                                    |
| (term1 OR term2) AND term3                                 |                                    |

| Boolean Operations  |        |
|---------------------|--------|
| Must be Present     | +      |
| Must not be present | -      |
| And                 | AND && |
| or                  | OR     |
| Not                 | NOT !  |

| Ranges                           |                            |
|----------------------------------|----------------------------|
| 1 to 5, including 1 and 5        | [ 1 TO 5 ]                 |
| 1 to 5, excluding 1 and 5        | { 1 TO 5 }                 |
| 1 to 5, including 1, excluding 5 | [1 to 5}                   |
| All days in 2012                 | [2012-01-01 TO 2012-12-31] |
| Larger then 3                    | >3                         |
| Smaller then 3                   | <3                         |
| Larger or equal to 3             | >=3                        |
| Smaller or equal to 3            | <=3                        |

| Reserved characters   |   |
|---|---|
| Reserved  | + - = &&    > < ! ( ) { } [ ] ^ " ~ * ? : \ / |
| Break character   | \   |
| For instance, to search for (1+1)=2, you would need to write your query as \{(1\+1)\}=2 |   |

