I extracted the attached patch from #35073#note-4. The patch posted by Jens Krämer from Planio allows you to use multiple search terms in "contains" operator of text filters.

The alternative I am experimenting with right now is breaking up the user’s query string into tokens like the global search does, and use these to build a query with multiple LIKE clauses that are combined with AND. I’m attaching a preliminary patch that implements this for the Issue.like scope (used by the autocompleter) and the Query#sql_contains method (which should cover all query filters). Do you think that's a viable approach?

It seems that the patch has already been deployed to the production environment of Planio. See Planio filters just got more powerful - Planio Support &#40;english&#41; - Planio Support.

Related issues:
Blocked by Redmine - Feature # 35073: Escape values in LIKE statements to pre... Closed

Associated revisions
Revision 21238 - 2021-10-05 21:54 - Marius BALTEANU
Tokenize search parameter in order to allow multiple search terms in:
- the "contains" operator of text filters
- in issue autocomplete

Patch by Jens Krämer.

Revision 21239 - 2021-10-05 21:55 - Marius BALTEANU
Add tests for #35764.

Revision 21241 - 2021-10-09 08:47 - Marius BALTEANU
Disable rubocop Lint/IneffectiveAccessModifier for self.tokenized_like_conditions in app/models/query.rb (#35764).

History
#1 - 2021-08-15 07:23 - Go MAEDA
- Blocked by Feature #35073: Escape values in LIKE statements to prevent injection of placeholders (_ or %) added

#2 - 2021-08-15 10:12 - Marius BALTEANU
- Target version set to 5.0.0
Patch committed with tests, thanks for this nice improvement.

The patch introduces the following offense:

Lint/IneffectiveAccessModifier: private (on line 1074) does not make singleton methods private. Use private_class_method or private inside a class << self block instead.

def self.tokenized_like_conditions(db_field, value, **options)

I've disabled for now the rubocop offense for Lint/IneffectiveAccessModifier. Jens, the method self.tokenized_like_conditions should not be public instead of private?

Files

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