

# With only the name as duplicate check field

Very fast.

```
SELECT
  contact.id AS `id`, REPLACE(NULLIF(TRIM(CONCAT(IFNULL(contact.first_name, ''), ' ', IFNULL(contact.middle_name, '')), ' '), IFNULL(contact.last_name, ''))), ' '), ' ', ' ') AS `name`,
  contact.deleted AS `deleted`, contact.salutation_name AS `salutationName`,
  contact.first_name AS `firstName`, contact.last_name AS `lastName`, accountContactPrimary.role AS `title`, contact.description AS `description`,
  emailAddresses.name AS `emailAddress`, phoneNumbers.name AS `phoneNumber`, contact.do_not_call AS `doNotCall`, contact.address_street AS `addressStreet`,
  contact.address_city AS `addressCity`, contact.address_state AS `addressState`, contact.address_country AS `addressCountry`, contact.address_postal_code AS `addressPostalCode`,
  accountContactPrimary.is_inactive AS `accountIsInactive`, account.type AS `accountType`, contact.created_at AS `createdAt`, contact.modified_at AS `modifiedAt`,
  portalUser.id IS NOT NULL AS `hasPortalUser`, contact.agbcode AS `agbcode`, contact.rbcznummer AS `rbcznummer`, contact.m_b_k_datum AS `mBKDatum`,
  contact.m_code AS `mCode`, contact.geboortedatum AS `geboortedatum`, contact.datum_registratie AS `datumRegistratie`, contact.balens AS `balens`,
  contact.regiocode AS `regiocode`, contact.einddatum AS `einddatum`, contact.vakopleiding_datum_diploma AS `vakopleidingDatumDiploma`, contact.datum_v_o_g AS `datumVOG`,
  contact.geslacht AS `geslacht`, contact.initials_name AS `initialsName`, contact.dispensatie AS `dispensatie`, contact.website AS `website`,
  contact.lidnummer AS `lidnummer`, contact.quasier AS `quasier`, contact.geplande_afstudeerdatum AS `geplandeAfstudeerdatum`, contact.nascholingstotalen_herberekenen AS `nascholingstotalenHerberekenen`,
  contact.labels AS `labels`, contact.uitleg_nascholings_berekening AS `uitlegNascholingsBerekening`, contact.nascholing_onvoldoende AS `nascholingOnvoldoende`, contact.survey_id AS `surveyId`,
  contact.nick_name AS `nickName`, contact.aantekening AS `aantekening`, contact.middle_name AS `middleName`, emailAddresses.opt_out AS `emailAddressIsOptedOut`,
  emailAddresses.invalid AS `emailAddressIsInvalid`, phoneNumbers.opt_out AS `phoneNumberIsOptedOut`, phoneNumbers.invalid AS `phoneNumberIsInvalid`, contact.account_id AS `accountId`,
  account.name AS `accountName`, contact.campaign_id AS `campaignId`, campaign.name AS `campaignName`, contact.created_by_id AS `createdById`,
  REPLACE(NULLIF(TRIM(CONCAT(IFNULL(createdBy.first_name, ''), ' ', IFNULL(createdBy.middle_name, '')), ' '), IFNULL(createdBy.last_name, ''))), ' '), ' ') AS `createdByName`,
  contact.modified_by_id AS `modifiedById`, REPLACE(NULLIF(TRIM(CONCAT(IFNULL(modifiedBy.first_name, ''), ' ', IFNULL(modifiedBy.middle_name, '')), ' '), IFNULL(modifiedBy.last_name, ''))), ' '), ' ') AS `modifiedByName`,
  contact.assigned_user_id AS `assignedUserId`,
  REPLACE(NULLIF(TRIM(CONCAT(IFNULL(assignedUser.first_name, ''), ' ', IFNULL(assignedUser.middle_name, '')), ' '), IFNULL(assignedUser.last_name, ''))), ' '), ' ') AS `assignedUserName`,
  portalUser.id AS `portalUserId`, REPLACE(NULLIF(TRIM(CONCAT(IFNULL(portalUser.first_name, ''), ' ', IFNULL(portalUser.middle_name, '')), ' '), IFNULL(portalUser.last_name, ''))), ' '), ' ') AS `portalUserName`,
  originalLead.id AS `originalLeadId`,
  REPLACE(NULLIF(TRIM(CONCAT(IFNULL(originalLead.first_name, ''), ' ', IFNULL(originalLead.middle_name, '')), ' '), IFNULL(originalLead.last_name, ''))), ' '), ' ') AS `originalLeadName`,
  contact.m_b_k_diploma_id AS `mBKDiplomaId`, mBKDiploma.name AS `mBKDiplomaName`, contact.vakopleiding_id AS `vakopleidingId`,
  vakopleiding.name AS `vakopleidingName`, contact.diploma_vakopleiding_id AS `diplomaVakopleidingId`, diplomaVakopleiding.name AS `diplomaVakopleidingName`, contact.v_o_g_id AS `vOGId`,
  vOG.name AS `vOGName`
FROM
  `contact` AS `contact`
LEFT JOIN `attachment` AS `mBKDiploma` ON contact.m_b_k_diploma_id = mBKDiploma.id
LEFT JOIN `attachment` AS `diplomaVakopleiding` ON contact.diploma_vakopleiding_id = diplomaVakopleiding.id
LEFT JOIN `attachment` AS `vOG` ON contact.v_o_g_id = vOG.id
LEFT JOIN `vakopleiding` AS `vakopleiding` ON contact.vakopleiding_id = vakopleiding.id
LEFT JOIN `lead` AS `originalLead` ON contact.id = originalLead.created_contact_id
AND originalLead.deleted = 0
LEFT JOIN `campaign` AS `campaign` ON contact.campaign_id = campaign.id
LEFT JOIN `account` AS `account` ON contact.account_id = account.id
LEFT JOIN `user` AS `assignedUser` ON contact.assigned_user_id = assignedUser.id
LEFT JOIN `user` AS `modifiedBy` ON contact.modified_by_id = modifiedBy.id
LEFT JOIN `user` AS `createdBy` ON contact.created_by_id = createdBy.id
LEFT JOIN `account_contact` AS `accountContactPrimary` ON contact.id = accountContactPrimary.contact_id
AND contact.account_id = accountContactPrimary.account_id
AND accountContactPrimary.deleted = 0
LEFT JOIN `entity_email_address` AS `emailAddressesMiddle` ON contact.id = emailAddressesMiddle.entity_id
AND emailAddressesMiddle.deleted = 0
AND emailAddressesMiddle.primary = 1
AND emailAddressesMiddle.entity_type = 'Contact'
LEFT JOIN `email_address` AS `emailAddresses` ON emailAddresses.id = emailAddressesMiddle.email_address_id
AND emailAddresses.deleted = 0
LEFT JOIN `entity_phone_number` AS `phoneNumbersMiddle` ON contact.id = phoneNumbersMiddle.entity_id
AND phoneNumbersMiddle.deleted = 0
AND phoneNumbersMiddle.primary = 1
AND phoneNumbersMiddle.entity_type = 'Contact'
LEFT JOIN `phone_number` AS `phoneNumbers` ON phoneNumbers.id = phoneNumbersMiddle.phone_number_id
AND phoneNumbers.deleted = 0
LEFT JOIN `user` AS `portalUser` ON contact.id = portalUser.contact_id
AND portalUser.deleted = 0
WHERE
  (
    (
      (
        contact.first_name = 'H.N.M. (Hans)')
      AND (
        contact.last_name = 'Dijkema'))))
AND contact.deleted = 0
LIMIT 0, 1
```

## Explain of the Query

| id | select_type | table                 | type   | possible_keys                                             | key                        | key_len | ref                                           | rows  | Extra                                                  |
|----|-------------|-----------------------|--------|-----------------------------------------------------------|----------------------------|---------|-----------------------------------------------|-------|--------------------------------------------------------|
| 1  | SIMPLE      | contact               | ref    | IDX_FIRST_NAME,IDX_NAME,IDX_SYSTEM_FULL_TEXT_SEARCH       | IDX_FIRST_NAME             | 305     | const,const                                   | 1     | Using index condition; Using where                     |
| 1  | SIMPLE      | mBKDiploma            | ALL    | NULL                                                      | NULL                       | NULL    | NULL                                          | 12461 | Using where; Using join buffer (flat, BNL join)        |
| 1  | SIMPLE      | diplomaVakopleiding   | ALL    | NULL                                                      | NULL                       | NULL    | NULL                                          | 12461 | Using where; Using join buffer (incremental, BNL join) |
| 1  | SIMPLE      | vOG                   | ALL    | NULL                                                      | NULL                       | NULL    | NULL                                          | 12461 | Using where; Using join buffer (incremental, BNL join) |
| 1  | SIMPLE      | vakopleiding          | eq_ref | PRIMARY                                                   | PRIMARY                    | 98      | nvkhcrm.contact.vakopleiding_id               | 1     | Using where                                            |
| 1  | SIMPLE      | originalLead          | ref    | IDX_CREATED_CONTACT_ID                                    | IDX_CREATED_CONTACT_ID     | 75      | nvkhcrm.contact.id                            | 6     | Using where                                            |
| 1  | SIMPLE      | campaign              | eq_ref | PRIMARY                                                   | PRIMARY                    | 74      | nvkhcrm.contact.campaign_id                   | 1     | Using where                                            |
| 1  | SIMPLE      | account               | eq_ref | PRIMARY                                                   | PRIMARY                    | 74      | nvkhcrm.contact.account_id                    | 1     | Using where                                            |
| 1  | SIMPLE      | assignedUser          | eq_ref | PRIMARY                                                   | PRIMARY                    | 74      | nvkhcrm.contact.assigned_user_id              | 1     | Using where                                            |
| 1  | SIMPLE      | modifiedBy            | eq_ref | PRIMARY                                                   | PRIMARY                    | 74      | nvkhcrm.contact.modified_by_id                | 1     | Using where                                            |
| 1  | SIMPLE      | createdBy             | eq_ref | PRIMARY                                                   | PRIMARY                    | 74      | nvkhcrm.contact.created_by_id                 | 1     | Using where                                            |
| 1  | SIMPLE      | accountContactPrimary | eq_ref | UNIQ_ACCOUNT_ID_CONTACT_ID,IDX_ACCOUNT_ID,IDX_CONTACT_ID  | UNIQ_ACCOUNT_ID_CONTACT_ID | 150     | nvkhcrm.contact.account_id,nvkhcrm.contact.id | 1     | Using where                                            |
| 1  | SIMPLE      | emailAddressesMiddle  | ref    | UNIQ_ENTITY_ID_EMAIL_ADDRESS_ID_ENTITY_TYPE,IDX_ENTITY_ID | IDX_ENTITY_ID              | 75      | nvkhcrm.contact.id                            | 1     | Using where                                            |
| 1  | SIMPLE      | emailAddresses        | eq_ref | PRIMARY                                                   | PRIMARY                    | 74      | nvkhcrm.emailAddressesMiddle.email_address_id | 1     | Using where                                            |
| 1  | SIMPLE      | phoneNumbersMiddle    | ref    | UNIQ_ENTITY_ID_PHONE_NUMBER_ID_ENTITY_TYPE,IDX_ENTITY_ID  | IDX_ENTITY_ID              | 75      | nvkhcrm.contact.id                            | 1     | Using where                                            |
| 1  | SIMPLE      | phoneNumbers          | eq_ref | PRIMARY                                                   | PRIMARY                    | 74      | nvkhcrm.phoneNumbersMiddle.phone_number_id    | 1     | Using where                                            |
| 1  | SIMPLE      | portalUser            | ref    | IDX_CONTACT_ID                                            | IDX_CONTACT_ID             | 75      | nvkhcrm.contact.id                            | 1     | Using where                                            |

# With Only the email address as duplicate check field

Very fast.

| id                | name             | deleted | salutationName | firstName | lastName | title | description | emailAddress   | phoneNumber | doNotCall | addressStreet | addressCity | addressState | addressCountry | addressPostalCode | account |
|-------------------|------------------|---------|----------------|-----------|----------|-------|-------------|----------------|-------------|-----------|---------------|-------------|--------------|----------------|-------------------|---------|
| 66e44a8e40ea862bc | D (Dop) van Doer | 0       | Dhr. of Mevr.  | D (Dop)   | Doer     | NULL  | NULL        | hans@dykema.nl | 0646390827  | 0         | Buinerflep 8e | KLurp       | NULL         | NULL           | 9234TE            | NULL    |

1 rij (0.152 s), [Explain](#), [Exporteren](#)

```
SELECT
contact.id AS `id`, REPLACE(NULLIF(TRIM(CONCAT(IFNULL(contact.first_name, ''), ' ', IFNULL(contact.middle_name, ''), ' ', IFNULL(contact.last_name, ''))), ''), ' ', ' ') AS `name`, contact.deleted AS `deleted`, contact.salutation_name AS `salutationName`,
contact.first_name AS `firstName`, contact.last_name AS `lastName`, accountContactPrimary.role AS `title`, contact.description AS `description`,
emailAddresses.name AS `emailAddress`, phoneNumbers.name AS `phoneNumber`, contact.do_not_call AS `doNotCall`, contact.address_street AS `addressStreet`,
contact.address_city AS `addressCity`, contact.address_state AS `addressState`, contact.address_country AS `addressCountry`, contact.address_postal_code AS `addressPostalCode`,
accountContactPrimary.is_inactive AS `accountIsInactive`, account.type AS `accountType`, contact.created_at AS `createdAt`, contact.modified_at AS `modifiedAt`,
portalUser.id IS NOT NULL AS `hasPortalUser`, contact.agbcode AS `agbcode`, contact.rbcznummer AS `rbcznummer`, contact.m_b_k_datum AS `mBKDatum`,
contact.m_code AS `mCode`, contact.geboortedatum AS `geboortedatum`, contact.datum_registratie AS `datumRegistratie`, contact.balens AS `balens`,
contact.regiocode AS `regiocode`, contact.einddatum AS `einddatum`, contact.vakopleiding_datum_diploma AS `vakopleidingDatumDiploma`, contact.datum_v_o_g AS `datumVOG`,
contact.geslacht AS `geslacht`, contact.initials_name AS `initialsName`, contact.dispensatie AS `dispensatie`, contact.website AS `website`,
contact.lidnummer AS `lidnummer`, contact.quasier AS `quasier`, contact.geplande_afstudeerdatum AS `geplandeAfstudeerdatum`, contact.nascholingstotalen_herberekenen AS `nascholingstotalenHerberekenen`,
contact.labels AS `labels`, contact.uitleg_nascholings_berekening AS `uitlegNascholingsBerekening`, contact.nascholing_onvoldoende AS `nascholingOnvoldoende`, contact.survey_id AS `surveyId`,
contact.nick_name AS `nickName`, contact.aantekening AS `aantekening`, contact.middle_name AS `middleName`, emailAddresses.opt_out AS `emailAddressIsOptedOut`,
emailAddresses.invalid AS `emailAddressIsInvalid`, phoneNumbers.opt_out AS `phoneNumberIsOptedOut`, phoneNumbers.invalid AS `phoneNumberIsInvalid`, contact.account_id AS `accountId`,
account.name AS `accountName`, contact.campaign_id AS `campaignId`, campaign.name AS `campaignName`, contact.created_by_id AS `createdById`,
REPLACE(NULLIF(TRIM(CONCAT(IFNULL(created_by.first_name, ''), ' ', IFNULL(created_by.middle_name, ''), ' ', IFNULL(created_by.last_name, ''))), ''), ' ', ' ') AS `createdByName`,
contact.modified_by_id AS `modifiedById`, REPLACE(NULLIF(TRIM(CONCAT(IFNULL(modified_by.first_name, ''), ' ', IFNULL(modified_by.last_name, ''))), ''), ' ', ' ') AS `modifiedByName`,
IFNULL(modified_by.last_name, ''), ' '), ' ') AS `modifiedByName`, contact.assigned_user_id AS `assignedUserId`,
REPLACE(NULLIF(TRIM(CONCAT(IFNULL(assigned_user.first_name, ''), ' ', IFNULL(assigned_user.middle_name, ''), ' ', IFNULL(assigned_user.last_name, ''))), ''), ' ', ' ') AS `assignedUserName`,
portalUser.id AS `portalUserId`, REPLACE(NULLIF(TRIM(CONCAT(IFNULL(portalUser.first_name, ''), ' ', IFNULL(portalUser.middle_name, ''))), ''), ' ', ' ') AS `portalUserName`,
IFNULL(portalUser.last_name, ''), ' '), ' ') AS `portalUserName`, originallead.id AS `originalLeadId`,
REPLACE(NULLIF(TRIM(CONCAT(IFNULL(originallead.first_name, ''), ' ', IFNULL(originallead.middle_name, ''), ' ', IFNULL(originallead.last_name, ''))), ''), ' ', ' ') AS `originalLeadName`,
contact.m_b_k_diploma_id AS `mBKDiplomaId`, mBKDiploma.name AS `mBKDiplomaName`, contact.vakopleiding_id AS `vakopleidingId`,
vakopleiding.name AS `vakopleidingName`, contact.diploma_vakopleiding_id AS `diplomaVakopleidingId`, diplomaVakopleiding.name AS `diplomaVakopleidingName`, contact.v_o_g_id AS `vOGId`,
vOG.name AS `vOGName`
FROM `contact` AS `contact`
LEFT JOIN `attachment` AS `mBKDiploma` ON contact.m_b_k_diploma_id = mBKDiploma.id
LEFT JOIN `attachment` AS `diplomaVakopleiding` ON contact.diploma_vakopleiding_id = diplomaVakopleiding.id
LEFT JOIN `attachment` AS `vOG` ON contact.v_o_g_id = vOG.id
LEFT JOIN `vakopleiding` AS `vakopleiding` ON contact.vakopleiding_id = vakopleiding.id
LEFT JOIN `lead` AS `originalLead` ON contact.id = originalLead.created_contact_id
AND originalLead.deleted = 0
LEFT JOIN `campaign` AS `campaign` ON contact.campaign_id = campaign.id
LEFT JOIN `account` AS `account` ON contact.account_id = account.id
LEFT JOIN `user` AS `assignedUser` ON contact.assigned_user_id = assignedUser.id
LEFT JOIN `user` AS `modifiedBy` ON contact.modified_by_id = modifiedBy.id
LEFT JOIN `user` AS `createdBy` ON contact.created_by_id = createdBy.id
LEFT JOIN `entity_email_address` AS `emailAddressesMultipleMiddle` ON contact.id = emailAddressesMultipleMiddle.entity_id
AND emailAddressesMultipleMiddle.deleted = 0
AND emailAddressesMultipleMiddle.entity_type = 'Contact'
LEFT JOIN `email_address` AS `emailAddressesMultiple` ON emailAddressesMultiple.id = emailAddressesMultipleMiddle.email_address_id
AND emailAddressesMultiple.deleted = 0
LEFT JOIN `account_contact` AS `accountContactPrimary` ON contact.id = accountContactPrimary.contact_id
AND contact.account_id = accountContactPrimary.account_id
AND accountContactPrimary.deleted = 0
LEFT JOIN `entity_email_address` AS `emailAddressesMiddle` ON contact.id = emailAddressesMiddle.entity_id
AND emailAddressesMiddle.deleted = 0
AND emailAddressesMiddle.primary = 1
AND emailAddressesMiddle.entity_type = 'Contact'
LEFT JOIN `email_address` AS `emailAddresses` ON emailAddresses.id = emailAddressesMiddle.email_address_id
AND emailAddresses.deleted = 0
LEFT JOIN `entity_phone_number` AS `phoneNumbersMiddle` ON contact.id = phoneNumbersMiddle.entity_id
AND phoneNumbersMiddle.deleted = 0
AND phoneNumbersMiddle.primary = 1
AND phoneNumbersMiddle.entity_type = 'Contact'
LEFT JOIN `phone_number` AS `phoneNumbers` ON phoneNumbers.id = phoneNumbersMiddle.phone_number_id
AND phoneNumbers.deleted = 0
LEFT JOIN `user` AS `portalUser` ON contact.id = portalUser.contact_id
AND portalUser.deleted = 0
WHERE
(
(
emailAddressesMultiple.lower = LOWER('hans@dykema.nl'))
AND contact.deleted = 0
LIMIT 0, 1
```

Uitvoeren Limit rows: ☐ Stoppen bij fout ☐ Enkel fouten tonen

Geschiedenis

## Explain of the query

| id | select_type | table                        | type   | possible_keys                                                                  | key                                         | key_len | ref                                                                       | rows  | Extra                                                  |
|----|-------------|------------------------------|--------|--------------------------------------------------------------------------------|---------------------------------------------|---------|---------------------------------------------------------------------------|-------|--------------------------------------------------------|
| 1  | SIMPLE      | emailAddressesMultiple       | ref    | PRIMARY,IDX_LOWER                                                              | IDX_LOWER                                   | 768     | const                                                                     | 1     | Using Index condition; Using where                     |
| 1  | SIMPLE      | emailAddressesMultipleMiddle | ref    | UNIQ_ENTITY_ID_EMAIL_ADDRESS_ID_ENTITY_TYPE,IDX_ENTITY_ID,IDX_EMAIL_ADDRESS_ID | IDX_EMAIL_ADDRESS_ID                        | 75      | nvkhcrm.emailAddressesMultiple.id                                         | 20    | Using where                                            |
| 1  | SIMPLE      | contact                      | eq_ref | PRIMARY                                                                        | PRIMARY                                     | 74      | nvkhcrm.emailAddressesMultipleMiddle.entity_id                            | 1     | Using where                                            |
| 1  | SIMPLE      | accountContactPrimary        | eq_ref | UNIQ_ACCOUNT_ID_CONTACT_ID,IDX_ACCOUNT_ID,IDX_CONTACT_ID                       | UNIQ_ACCOUNT_ID_CONTACT_ID                  | 150     | nvkhcrm.contact.account_id,nvkhcrm.emailAddressesMultipleMiddle.entity_id | 1     | Using where                                            |
| 1  | SIMPLE      | emailAddressesMiddle         | ref    | UNIQ_ENTITY_ID_EMAIL_ADDRESS_ID_ENTITY_TYPE,IDX_ENTITY_ID                      | UNIQ_ENTITY_ID_EMAIL_ADDRESS_ID_ENTITY_TYPE | 75      | nvkhcrm.emailAddressesMultipleMiddle.entity_id                            | 1     | Using where                                            |
| 1  | SIMPLE      | emailAddresses               | eq_ref | PRIMARY                                                                        | PRIMARY                                     | 74      | nvkhcrm.emailAddressesMiddle.email_address_id                             | 1     | Using where                                            |
| 1  | SIMPLE      | phoneNumbersMiddle           | ref    | UNIQ_ENTITY_ID_PHONE_NUMBER_ID_ENTITY_TYPE,IDX_ENTITY_ID                       | UNIQ_ENTITY_ID_PHONE_NUMBER_ID_ENTITY_TYPE  | 75      | nvkhcrm.emailAddressesMultipleMiddle.entity_id                            | 1     | Using where                                            |
| 1  | SIMPLE      | phoneNumbers                 | eq_ref | PRIMARY                                                                        | PRIMARY                                     | 74      | nvkhcrm.phoneNumbersMiddle.phone_number_id                                | 1     | Using where                                            |
| 1  | SIMPLE      | portalUser                   | ref    | IDX_CONTACT_ID                                                                 | IDX_CONTACT_ID                              | 75      | nvkhcrm.emailAddressesMultipleMiddle.entity_id                            | 1     | Using where                                            |
| 1  | SIMPLE      | mBKDiploma                   | ALL    | NULL                                                                           | NULL                                        | NULL    | NULL                                                                      | 12461 | Using where; Using join buffer (flat, BNL join)        |
| 1  | SIMPLE      | diplomaVakopleiding          | ALL    | NULL                                                                           | NULL                                        | NULL    | NULL                                                                      | 12461 | Using where; Using join buffer (incremental, BNL join) |
| 1  | SIMPLE      | vOG                          | ALL    | NULL                                                                           | NULL                                        | NULL    | NULL                                                                      | 12461 | Using where; Using join buffer (incremental, BNL join) |
| 1  | SIMPLE      | vakopleiding                 | eq_ref | PRIMARY                                                                        | PRIMARY                                     | 98      | nvkhcrm.contact.vakopleiding_id                                           | 1     | Using where                                            |
| 1  | SIMPLE      | originalLead                 | ref    | IDX_CREATED_CONTACT_ID                                                         | IDX_CREATED_CONTACT_ID                      | 75      | nvkhcrm.emailAddressesMultipleMiddle.entity_id                            | 6     | Using where                                            |
| 1  | SIMPLE      | campaign                     | eq_ref | PRIMARY                                                                        | PRIMARY                                     | 74      | nvkhcrm.contact.campaign_id                                               | 1     | Using where                                            |
| 1  | SIMPLE      | account                      | eq_ref | PRIMARY                                                                        | PRIMARY                                     | 74      | nvkhcrm.contact.account_id                                                | 1     | Using where                                            |
| 1  | SIMPLE      | assignedUser                 | eq_ref | PRIMARY                                                                        | PRIMARY                                     | 74      | nvkhcrm.contact.assigned_user_id                                          | 1     | Using where                                            |
| 1  | SIMPLE      | modifiedBy                   | eq_ref | PRIMARY                                                                        | PRIMARY                                     | 74      | nvkhcrm.contact.modified_by_id                                            | 1     | Using where                                            |
| 1  | SIMPLE      | createdBy                    | eq_ref | PRIMARY                                                                        | PRIMARY                                     | 74      | nvkhcrm.contact.created_by_id                                             | 1     | Using where                                            |

Replacing [\*] by [id, name] and using email & name

return \$builder->select(['\*']->find()); ➔ return \$builder->select(['id', 'name']);

EXTREMELY FAST!!

| id | select_type | table                | type   | possible_keys                                             | key                                         | key_len | ref                                          | rows | Extra       |
|----|-------------|----------------------|--------|-----------------------------------------------------------|---------------------------------------------|---------|----------------------------------------------|------|-------------|
| 1  | SIMPLE      | user                 | const  | PRIMARY                                                   | PRIMARY                                     | 74      | const                                        | 1    |             |
| 1  | SIMPLE      | avatar               | const  | PRIMARY                                                   | NULL                                        | NULL    | NULL                                         | 1    |             |
| 1  | SIMPLE      | contact              | const  | PRIMARY                                                   | NULL                                        | NULL    | NULL                                         | 1    |             |
| 1  | SIMPLE      | dashboardTemplate    | const  | PRIMARY                                                   | NULL                                        | NULL    | NULL                                         | 1    |             |
| 1  | SIMPLE      | defaultTeam          | const  | PRIMARY                                                   | NULL                                        | NULL    | NULL                                         | 1    |             |
| 1  | SIMPLE      | userData             | ref    | IDX_USER_ID                                               | IDX_USER_ID                                 | 75      | const                                        | 1    | Using where |
| 1  | SIMPLE      | createdBy            | eq_ref | PRIMARY                                                   | PRIMARY                                     | 74      | const                                        | 1    | Using where |
| 1  | SIMPLE      | emailAddressesMiddle | ref    | UNIQ_ENTITY_ID_EMAIL_ADDRESS_ID_ENTITY_TYPE,IDX_ENTITY_ID | UNIQ_ENTITY_ID_EMAIL_ADDRESS_ID_ENTITY_TYPE | 75      | const                                        | 2    | Using where |
| 1  | SIMPLE      | emailAddresses       | eq_ref | PRIMARY                                                   | PRIMARY                                     | 74      | nvkhrm.emailAddressesMiddle.email_address_id | 1    | Using where |
| 1  | SIMPLE      | phoneNumbersMiddle   | ref    | UNIQ_ENTITY_ID_PHONE_NUMBER_ID_ENTITY_TYPE,IDX_ENTITY_ID  | UNIQ_ENTITY_ID_PHONE_NUMBER_ID_ENTITY_TYPE  | 75      | const                                        | 1    | Using where |
| 1  | SIMPLE      | phoneNumbers         | eq_ref | PRIMARY                                                   | PRIMARY                                     | 74      | nvkhrm.phoneNumbersMiddle.phone_number_id    | 1    | Using where |

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```
explain SELECT
  user.id AS `id`, REPLACE(NULLIF(TRIM(CONCAT(IFNULL(user.first_name, ''), ' ', IFNULL(user.middle_name, ''), ' ', IFNULL(user.last_name, ''))), ''), ' ', ' ') AS `name`,
  user.deleted AS `deleted`, user.user_name AS `userName`,
  user.type AS `type`, user.password AS `password`, user.auth_method AS `authMethod`, user.api_key AS `apiKey`,
  user.salutation_name AS `salutationName`, user.first_name AS `firstName`, user.last_name AS `lastName`, user.is_active AS `isActive`,
  user.title AS `title`, emailAddresses.name AS `emailAddress`, phoneNumbers.name AS `phoneNumber`, user.avatar_color AS `avatarColor`,
  user.gender AS `gender`, user.created_at AS `createdAt`, user.modified_at AS `modifiedAt`, userData.auth2_f_a AS `auth2FA`,
  user.middle_name AS `middleName`, emailAddresses.opt_out AS `emailAddressIsOptedOut`, emailAddresses.invalid AS `emailAddressIsInvalid`, phoneNumbers.opt_out AS `phoneNumberIsOptedOut`,
  phoneNumbers.invalid AS `phoneNumberIsInvalid`, user.delete_id AS `deleteId`, user.default_team_id AS `defaultTeamId`, defaultTeam.name AS `defaultTeamName`,
  user.contact_id AS `contactId`, REPLACE(NULLIF(TRIM(CONCAT(IFNULL(contact.first_name, ''), ' ', IFNULL(contact.middle_name, ''))), ''), ' ', ' ') AS `contactName`,
  IFNULL(contact.last_name, '')), ''), ' ', ' ') AS `contactName`, user.avatar_id AS `avatarId`, avatar.name AS `avatarName`,
  user.created_by_id AS `createdById`, REPLACE(NULLIF(TRIM(CONCAT(IFNULL(createdBy.first_name, ''), ' ', IFNULL(createdBy.middle_name, ''))), ''), ' ', ' ') AS `createdByName`,
  IFNULL(createdBy.last_name, ''))), ''), ' ', ' ') AS `createdByName`, user.dashboard_template_id AS `dashboardTemplateId`, dashboardTemplate.name AS `dashboardTemplateName`,
  user.working_time_calendar_id AS `workingTimeCalendarId`, user.layout_set_id AS `layoutSetId`, userData.id AS `userDataId`, userData.id AS `userDataName`
FROM
  `user` AS `user`
LEFT JOIN `attachment` AS `avatar` ON user.avatar_id = avatar.id
LEFT JOIN `contact` AS `contact` ON user.contact_id = contact.id
LEFT JOIN `user_data` AS `userData` ON user.id = userData.user_id
AND userData.deleted = 0
LEFT JOIN `dashboard_template` AS `dashboardTemplate` ON user.dashboard_template_id = dashboardTemplate.id
LEFT JOIN `user` AS `createdBy` ON user.created_by_id = createdBy.id
LEFT JOIN `team` AS `defaultTeam` ON user.default_team_id = defaultTeam.id
LEFT JOIN `entity_email_address` AS `emailAddressesMiddle` ON user.id = emailAddressesMiddle.entity_id
AND emailAddressesMiddle.deleted = 0
AND emailAddressesMiddle.primary = 1
AND emailAddressesMiddle.entity_type = 'User'
LEFT JOIN `email_address` AS `emailAddresses` ON emailAddresses.id = emailAddressesMiddle.email_address_id
AND emailAddresses.deleted = 0
LEFT JOIN `entity_phone_number` AS `phoneNumbersMiddle` ON user.id = phoneNumbersMiddle.entity_id
AND phoneNumbersMiddle.deleted = 0
AND phoneNumbersMiddle.primary = 1
AND phoneNumbersMiddle.entity_type = 'User'
LEFT JOIN `phone_number` AS `phoneNumbers` ON phoneNumbers.id = phoneNumbersMiddle.phone_number_id
AND phoneNumbers.deleted = 0
WHERE
  user.id = '1'
AND user.deleted = 0
```

Uitvoeren Limit rows:  ☐ Stoppen bij fout ☐ Enkel fouten tonen

Geschiedenis