

Contacts

Contacts

CRUD operations for contacts and contact emails via `/contacts/v4`.

Operations

Get Contacts

```
// Single contact by ID
contact, err := c.GetContact(ctx, contactID)

// Count contacts
count, err := c.CountContacts(ctx)

// Paginated listing
contacts, err := c.GetContacts(ctx, page, pageSize)

// Auto-paginating - get all
allContacts, err := c.GetAllContacts(ctx)

// Auto-paginating with custom page size
allContacts, err := c.GetAllContactsPaged(ctx, pageSize)
```

Search by Email

```
// Count matches
count, err := c.CountContactEmails(ctx, "user@example.com")

// Paginated search
emails, err := c.GetContactEmails(ctx, "user@example.com", page, pageSize)
```

```
// Get all matching
allEmails, err := c.GetAllContactEmails(ctx, "user@example.com")
```

Create / Update / Delete

```
// Bulk create with overwrite and label options
results, err := c.CreateContacts(ctx, proton.CreateContactsReq{
    Contacts: []proton.Contact{
        {
            Cards: []proton.ContactCard{...},
            Email: "user@example.com",
        },
    },
})

// Update a contact
updated, err := c.UpdateContact(ctx, contactID, proton.UpdateContactReq{
    Cards: []proton.ContactCard{...},
})

// Bulk delete
err := c.DeleteContacts(ctx, proton.DeleteContactsReq{
    IDs: []string{id1, id2},
})
```

Per-Contact Encryption Preferences

Contact settings are stored as VCard-embedded X-PM-* fields:

```
// Get encryption settings for a contact
settings := contact.GetSettings()
// Returns: MIME type, PGP scheme (inline/MIME), sign/encrypt flags, PGP keys

// Set encryption settings
contact.SetSettings(proton.ContactSettings{
    MIMETYPE: "text/plain",
    Scheme:   proton.PGPMIMEScheme,
```

```
Sign:         true,  
Encrypt:      true,  
EncryptUntrusted: true,  
PGPKeys:     [ ]proton.PGPKey{...},  
})
```

Key Types

Type	Description
Contact	Composite of ContactMetadata and ContactCards
ContactMetadata	ID, name, UID, size, timestamps, emails, labels
ContactCards	VCard data for the contact
ContactEmail	Email entry with ID, name, email string, type tags, contactID, labels
ContactSettings	Per-contact encryption preferences (MIME type, scheme, sign/encrypt flags, PGP keys)
RecipientType	Internal vs external recipient classification

Revision #1

Created 7 May 2026 11:43:02 by Clive

Updated 7 May 2026 11:43:02 by Clive