

Asiakastietojen vienti rajapinnatse

Kohan rajapinnan kuvaus löytyy, kun KOHAn osoitteeseen lisätään perään /api/v1/doc . Swaggerin kautta voi helposti kokeilla tietojen viemistä KOHAan.

Esimerkkinä HAMKin sovellus asiakastietojen tuontiin:

HAMKissa opiskelijoiden tiedot tuodaan KOHAn mobiilisovelluksen (HAMK App) kautta. Asiakkaiden HAMK-tunnus (UPN-tunnus) on tallennettu KOHAan toissijaiseksi sähköpostiosoitteeksi (emailpro-kenttä) ja sitä käytetään tunnistamaan onko asiakkaan tiedot jo kirjastojärjestelmän rekisterissä.

Asiakastiedot tuodaan rajapinnan Patron/Post -komennolla

Asiakkaiden viestiasetukset saadaan seuraavasti:

- kysy ensin asiakaskategorian mukaiset oletusasetukset [get /messaging_preferences](#)
- asiakkaan viestiasetukset viedään seuraavalla komennolla [put /messaging_preferences](#)

Rajapinnan kautta Patron post -komennolla ei saa kuljetettua lisäkenttiä kuten HETU, tilastointiryhmä, viestiasetukset. Joten nämä tiedot pitää tarkistaa, kun asiakas tulee kirjastoon ja hänelle aktivoidaan kortti.

Asiakkaista tuodaan seuraavat tiedot:

Tieto	Rajapinnan kenttä	Lisätieto
Etunimi	firstname	
Sukunimi	surname	
Katuosoite	address	
Postinumero	zipcode	
UPN	emailpro	HAMKin tunnus. Tämän avulla tarkistetaan, onko asiakas jo rekisterissä
Puhelinnumero	phone	
Syntymäaika	dateofbirth	muodossa YYYY-MM-DD
PIN-koodi	password	Jos halutaan oletuskoodi
Asiakkaan kotikirjasto	branchcode	Toimipaikka, jossa asiakas (useimmiten) asioi
Asiakkaan asiakastyyppi	categorycode	Asiakastyypin koodi (patron category code), esim. B = opiskelija, A = henkilökunta
Huomautus	borrowernotes	Huomautus, joka näkyy virkailijatyökalussa: <i>Asiakastiedot lisätty HAMK Appiin kautta <päiväys>. Tarkista yhteystiedot, viestiasetukset, lisää asiakkaan HETU, tilastoryhmä, varaustunnus ja kirjastokortti.</i>

POST patron kentät

B_address (string,null, *optional*): first address line of patron's alternate address

B_address2 (string,null, *optional*): second address line of patron's alternate address

B_city (string,null, *optional*): city or town of patron's alternate address

B_country (string,null, *optional*): country of patron's alternate address

B_email (string,null, *optional*): email address for patron's alternate address

B_phone (string,null, *optional*): phone number for patron's alternate address

B_state (string,null, *optional*): state or province of patron's alternate address

B_streetnumber (string,null, *optional*): street number of patron's alternate address

B_streettype (string,null, *optional*): street type of patron's alternate address

B_zipcode (string,null, *optional*): zip or postal code of patron's alternate address

address (string, *optional*): first address line of patron's primary address

address2 (string,null, *optional*): second address line of patron's primary address

altcontactaddress1 (string,null, *optional*): the first address line for the alternate contact for the patron

altcontactaddress2 (string,null, *optional*): the second address line for the alternate contact for the patron

altcontactaddress3 (string,null, *optional*): the city for the alternate contact for the patron

altcontactcountry (string,null, *optional*): the country for the alternate contact for the patron

altcontactfirstname (string,null, *optional*): first name of alternate contact for the patron

altcontactphone (string,null, *optional*): the phone number for the alternate contact for the patron

altcontactstate (string,null, *optional*): the state for the alternate contact for the patron

altcontactsurname (string,null, *optional*): surname or last name of the alternate contact for the patron

altcontactzipcode (string,null, *optional*): the zipcode for the alternate contact for the patron

borrowernotes (string,null, *optional*): a note on the patron's account

borrowernumber (integer, *optional*): internally assigned user identifier

branchcode (string, *optional*): code of patron's home branch

cardnumber (string,null, *optional*): library assigned user identifier

categorycode (string, *optional*): code of patron's category ,

checkprevcheckout (string, *optional*): produce a warning for this patron if this item has previously been checked out to this patron if 'yes', not if 'no', defer to category setting if 'inherit'

city (string, *optional*): city or town of patron's primary address

contactfirstname (string,null, *optional*): used for children to include first name of guarantor

contactname (string,null, *optional*): used for children and professionals to include surname or last name of guarantor or organization name

contactnote (string,null, *optional*): a note related to patron's alternate address

contacttitle (string,null, *optional*): used for children to include title of guarantor

country (string,null, *optional*): country of patron's primary address

dateenrolled (string,null, *optional*): date the patron was added to Koha

dateexpiry (string,null, *optional*): date the patron's card is set to expire

dateofbirth (string,null, *optional*): patron's date of birth

debarred (string,null, *optional*): until this date the patron can only check-in

debarredcomment (string,null, *optional*): comment on the stop of the patron

email (string,null, *optional*): primary email address for patron's primary address

emailpro (string,null, *optional*): secondary email address for patron's primary address

fax (string,null, *optional*): fax number for patron's primary address

firstname (string,null, *optional*): patron's first name

gonenoaddress (boolean,null, *optional*): set to 1 if library marked this patron as having an unconfirmed address

guarantorid (integer,null, *optional*): borrowernumber used for children or professionals to link them to guarantor or organizations

initials (string,null, *optional*): initials of the patron

lang (string,null, *optional*): lang to use to send notices to this patron

lastseen (string,null, *optional*): last time a patron has been seen (connected at the OPAC or staff interface)

login_attempts (integer,null, *optional*): number of failed login attempts

lost (boolean,null, *optional*): set to 1 if library marked this patron as having lost his card

mobile (string,null, *optional*): the other phone number for patron's primary address

opacnote (string,null, *optional*): a note on the patron's account visible in OPAC and staff client

othernames (string,null, *optional*): any other names associated with the patron

overdrive_auth_token (string,null, *optional*): persist OverDrive auth token

password (string,null, *optional*): patron's encrypted password

phone (string,null, *optional*): primary phone number for patron's primary address

phonepro (string,null, *optional*): secondary phone number for patron's primary address

privacy (integer, *optional*): patron's privacy settings related to their reading history

privacy_guarantor_checkouts (integer, *optional*): controls if relatives can see this patron's checkouts

relationship (string,null, *optional*): used for children to include the relationship to their guarantor

sex (string,null, *optional*): patron's gender

sms_provider_id (integer,null, *optional*):the provider of the mobile phone number defined in smsalernumber

smsalernumber (string,null, *optional*): the mobile phone number where the patron would like to receive notices (if SMS turned on)

sort1 (string,null, *optional*): a field that can be used for any information unique to the library

sort2 (string,null, *optional*): a field that can be used for any information unique to the library

state (string,null, *optional*): state or province of patron's primary address

streetnumber (string,null, *optional*): street number of patron's primary address

streettype (string,null, *optional*): street type of patron's primary address

surname (string, *optional*): patron's last name

title (string,null, *optional*): patron's title

updated_on (string,null, *optional*): time of last change could be useful for synchronization with external systems (among others)

userid (string,null, *optional*): patron's login

zipcode (string,null, *optional*): zip or postal code of patron's primary address

Esimerkki

```
{
  "B_address": null,
  "B_address2": null,
  "B_city": null,
  "B_country": null,
  "B_email": null,
  "B_phone": null,
  "B_state": null,
  "B_streetnumber": null,
  "B_streettype": null,
  "B_zipcode": null,
  "address": "Osoite2",
  "address2": null,
  "altcontactaddress1": null,
  "altcontactaddress2": null,
  "altcontactaddress3": null,
```

"altcontactcountry": null,
"altcontactfirstname": null,
"altcontactphone": null,
"altcontactstate": null,
"altcontactsurname": null,
"altcontactzipcode": null,
"borrowernotes": "APIn kautta lisätty asiakas",
"borrowernumber": 0,
"branchcode": "HAMKA",
"cardnumber": null,
"categorycode": "B",
"checkprevcheckout": "",
"city": "Hämeenlinna",
"contactfirstname": null,
"contactname": null,
"contactnote": null,
"contacttitle": null,
"country": null,
"dateenrolled": null,
"dateexpiry": null,
"dateofbirth": "1987-11-13",
"debarred": null,
"debarredcomment": null,
"email": "malliasiakas@net.com",
"emailpro": "malliasiakas@hamk.fi",
"fax": null,
"firstname": "Api",
"gonenoaddress": false,
"guarantorid": 0,
"initials": null,
"lastseen": null,
"login_attempts": 0,
"lost": false,
"mobile": null,
"opacnote": null,
"othernames": "Malliasiakas, Api",
"overdrive_auth_token": null,
"password": "\$2a\$08\$bWDPDvcq/i/lytrRSZkBLOZ6aOz5Plknbj5VaoFxCoMBuS6nr1W",
"phone": "98789876",
"phonepro": null,

```
"privacy": 0,  
"privacy_guarantor_checkouts": 0,  
"relationship": null,  
"sex": null,  
"sms_provider_id": 0,  
"smsalertnumber": null,  
"sort1": null,  
"sort2": null,  
"state": null,  
"streetnumber": "",  
"streettype": null,  
"surname": "Mallisiakas",  
"title": null,  
"userid": null,  
"zipcode": "13210"  
}
```