


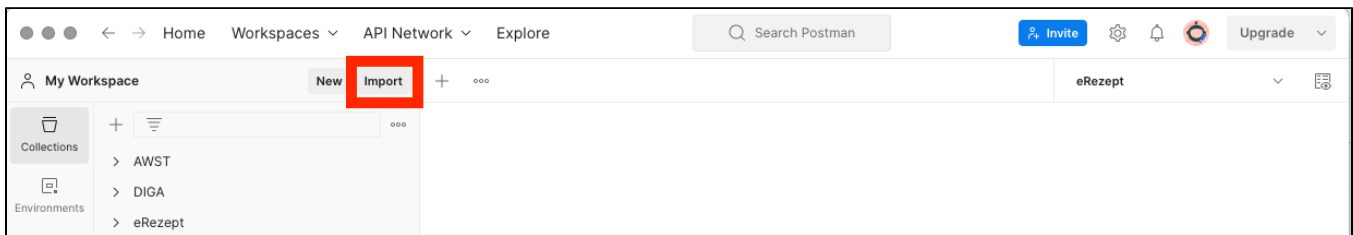
# RED Interchange API - Postman Collection

This collection of example requests demonstrates all RED Interchange features. It requires the web-based application Postman for execution. You can download Postman free of charge at <https://www.postman.com/downloads/>.

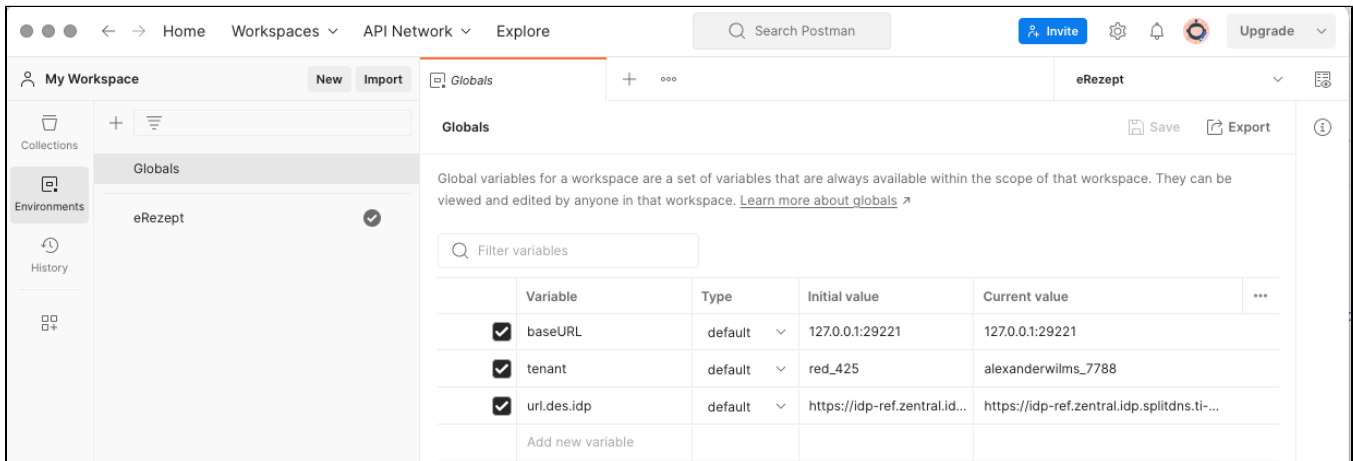
-  Download [RED Interchange Examples.postman\\_collection.json](#)
- Version 25.02.2024 - added samples for ePA - [RED interchange API - ePA](#)
- Version 14.12.2023 - added 0290 - [RED interchange API - OpenPatient](#)
- Version 13.11.2023 - updated 035x - [RED interchange API - ePA](#)

## Setup

Once Postman has been installed you can import the RED Interchange Example collection.



The values for **baseUrl** and **tenant** can be set in the Environments section to the given values.



Once imported the Requests can be opened and executed.

## List of Requests

### Read/Search

- 0010 - All Devices: returns the device information set with system manufacturer information.
- 0020 - All Practitioners: Practitioners are the physicians defined in RED as users/user LANRs. Practitioners contain names and identifiers for physicians. See [RED interchange API - Search/Read Practitioners](#)
- 0021 - Specific Practitioner: Data of a specific practitioner may be fetched using a read request with the identifier of the specific practitioner
- 0030 - All PractitionerRoles: PractitionerRoles combine physicians and their practices defined in RED. PractitionerRoles contain a reference to [practitioners](#) and [organizations](#). See [RED interchange API - Search/Read PractitionerRoles](#)
- 0031 - Specific PractitionerRole: Data of a specific practitionerRole may be fetched using a read request with the identifier of the specific practitionerRole
- 0032 - PractitionerRole for Practitioner-ID: all practitionerRoles referenced to a given practitioner
- 0033 - PractitionerRole for Organization-ID: all practitionerRoles referenced to a given organization

- 0040 - All Organizations: Organizations are practices defined in RED as user groups. Organizations contain e.g. addresses and contact information for a practice. See [RED interchange API - Search/Read Organizations](#).
- 0050 - Patient Search by Name: search for a Patient using patient name as search criteria. See [RED interchange API - Search/Read Patients](#)
- 0051 - Specific Patient: returns patient data for patient with given (external) ID
- 0100 - Patient - All Claims (Abrechnung): Returns all claims items for given patient ID. See [RED interchange API - Search/Read Claims](#)
- 0101 - Patient - Specific Claim (Abrechnung): Returns an item for given claim ID.
- 0102 - Patient - All Conditions (Diagnosen): Diagnoses are ICD-10 diagnoses assigned to a patient. Patient diagnoses can be searched using a search request. See [RED interchange API - Search/Read Diagnoses](#)
- 0103 - Patient - Specific Diagnosis (Diagnose): returns an item for given condition ID.
- 0104 - Patient - All Encounters (Begegnungen): Encounters represent a patient visit or consultation. Each time a patient record is created for a patient there will be corresponding encounter. Encounters are assigned to a patient and may be searched - See [RED interchange API - Search/Read Encounters](#)
- 0105 - Patient - Encounters in date range: all encounters for a given patient ID within a date range
- 0106 - Patient - Encounters from date: all encounters for a given patient ID from a given date until today
- 0107 - Patient - Specific Encounter: encounter item for given ID
- 0108 - Patient - All Observation (Befunde): Observations represent medical documentations. Observations are assigned to a patient and may be searched. See [RED interchange API - Search/Read Observations](#)
- 0109 - Patient - All Observation (Befunde) Tables: returns all observations for given patient with formatted tables
- 0110 - Patient - Specific Observation: returns the observation item for given ID
- 0111 - Patient - All Coverage (Versicherungen): Coverages contain information about a patients payer and health insurance - they represent the episodes in RED. Coverages can be searched using a search request. See [RED interchange API - Search/Read Coverages](#)
- 0112 - Patient - All Coverages in date range: all coverages within a given date range
- 0113 - Patient - All Coverages from date: all coverages from given date
- 0114 - Patient - Specific Coverage: returns the coverage item for given ID
- 0115 - Patient - All DocumentReferences: DocumentReferences represent all documents stored in the patient record. See [RED interchange API - Search/Read DocumentReferences](#)
- 0116 - Patient - All DocumentReferences Summary: returns all document references for given patient ID but with metadata only
- 0117 - Patient - Specific DocumentReference: returns the document for given ID
- 0118 - Patient - All Medication (Medikament): Medication represents a pharmaceutical product assigned to a patient. Medications are assigned to a patient and may be searched. See [RED Interchange API - Search/Read Medication](#)
- 0119 - Patient - Specific Medication: returns medication information for given ID
- 0120 - Patient - All MedicationStatements (Dauermedikation): A medication statement represents a relation between a pharmaceutical product and a patient if the patients uses this product as part of his permanent medication
- 0121 - Patient - All MedicationRequests (Verordnung): A medication request represents a prescription.
- 0122 - Patient - All MedicationRequests (Verordnung) PZN: all prescriptions for given patient with their PZN IDs

## Create

- 0200 - Patient with records: creates a new patient. See [RED interchange API - Create Data Patient](#)
- 0201 - Patient with provenances: additional provenance objects for user group assignment
- 0202 - Patient Minimum: creates just a new patient without other objects
- 0203 - Patient address and contact: includes additional contact information for patient
- 0210 - Patient Coverage with provenance. See [RED interchange API - Create Data Coverage](#)
- 0211 - Patient and Coverage
- 0212 - Patient and Coverage PKV
- 0213 - Patient and Coverage PKV with Related Person
- 0220 - Patient and DocumentReference 2: This request creates one encounter and two document references for an existing patient with provenances for user group assignment
- 0221 - Patient and DocumentReference Full: This request creates a patient, an encounter and document reference with provenance and practitioner/organization set
- 0230 - Patient und Medication PZN: creates a new person with coverage, practitioner and organization and medication. This set contains all data for a prescription
- 0231 - Patient und Medication PZN and create ERP: creates a new person with coverage, practitioner and organization and medication, then creates an electronic prescription and returns the prescription task ID
- 0232 - Patient und Medication Rezeptur: creates a new person with coverage, practitioner and organization and medication for an extemporaneous mixture. This set contains all data for a prescription
- 0233 - Patient und Medication Rezeptur and create ERP: creates a new person with coverage, practitioner and organization and medication for an extemporaneous mixture, then creates an electronic prescription and returns the prescription task ID
- 0234 - Medication for known Patient: creates a new medication for a known patient with existing episode (coverage)
- 0235 - Patient und Medication Rezeptur Direktzuweisung - creates a new person with coverage, practitioner and organization and medication for an extemporaneous mixture
- 0240 - Patient and Claim
- 0241 - Claim for a known Patient

## Pharmacy

- 0300 - ERP Accept Tasks - Accept the electronic prescription identified by its Task. See [RED interchange API - E-Prescription / Pharmacy / Accept Task](#)
- 0301 - ERP Get Tasks by ID - fetches a specific e-prescription identified by its Task and checked for its details and current status. See [RED interchange API - E-Prescription / Pharmacy / Get Task](#)
- 0302 - ERP Reject Tasks by ID - reject a specific e-prescription, which has been previously accepted, to allow the accept of this e-prescription from someone else. See [RED interchange API - E-Prescription / Pharmacy / Reject or Abort Task](#)
- 0303 - ERP Dispensation: After a pharmacy has dispensed the prescription (handed over the product to patient) a dispense request (POST) must be created and sent to the Fachdienst. See [RED interchange API - E-Prescription / Pharmacy / Task receipt](#)
- 0304 - ERP Communication Unread Messages: poll for new messages and to fetch messages from central Fachdienst servers
- 0305 - ERP Communication Messages Filter

- 0350 - ePA Patient Status - fetch information on ePA availability and authorization
- 0351 - ePA Send PDF - send a PDF file to a patients electronic health record
- 0352 - ePA Send BMP - send medication plan to a patients electronic health record
- 0353 - ePA Send DIGA MIO - send a structured medical information object to a patients electronic health record

## TI Operations

- 0400 - TI - GetCards: returns all cards currently available in the connected card readers. See [RED interchange API - Card Operations](#)
- 0401 - TI - GetCards by IP: returns cards from a specific card terminal identified by its IP address
- 0402 - TI - PinStatus: returns the current status of all pins of all cards in all card terminals
- 0403 - TI - PinStatus by IP: returns the PIN status of all cards from a specific card terminal identified by its IP address
- 0404 - TI - VerifyPin by IP: triggers cardterminal to send a verifyPIN request
- 0499 - TI - isAlive - checks availability and status of the RED interchange API