

DOCUMENTAZIONE GOOGLE API: PEOPLE

Fonte: documentazione Google per l'uso delle PEOPLE API

- **Come ottenere i contatti:**

GET:

<https://people.googleapis.com/v1/people/me/connections?personFields=names,emailAddresses>

- **Body richiesta:** vuoto.
- **Body risposta:**

```
{
  "connections": [
    {
      "resourceName": "people/c5922538989753549478",
      "etag": "%EgcBAGkuNz0+GgQBAGUHIgXkSjRzVHNaMVhMRT0=",
      "names": [
        {
          "metadata": {
            "primary": true,
            "source": {
              "type": "CONTACT",
              "id": "523115d50ca942a6"
            }
          },
          "displayName": "prova tiro",
          "givenName": "prova tiro",
          "displayNameLastFirst": "prova tiro",
          "unstructuredName": "prova tiro"
        }
      ],
      "emailAddresses": [
        {
          "metadata": {
            "primary": true,
            "source": {
              "type": "CONTACT",
              "id": "523115d50ca942a6"
            }
          },
          "value": "ciao@gmail.com"
        }
      ]
    },
    {
      "resourceName": "people/c1586958431405121030",
      "etag": "%EgcBAGkuNz0+GgQBAGUHIgXvMlRUBE1tTHpvZz0=",
      "names": [
        {
          "metadata": {
            "primary": true,
            "source": {
              "type": "CONTACT",
              "id": "1606024909369e06"
            }
          },
          "displayName": "prova 2 tirocinio",
          "familyName": "tirocinio",
          "givenName": "prova 2",
          "displayNameLastFirst": "tirocinio, prova 2",
          "unstructuredName": "prova 2 tirocinio"
        }
      ],
      "emailAddresses": [
        {
          "metadata": {
            "primary": true,
            "source": {
              "type": "CONTACT",
              "id": "1606024909369e06"
            }
          },
          "value": "prova3@gmail.com"
        }
      ]
    }
  ]
}
```

```

    }
  ]
},
{
  "resourceName": "people/c8520408078233172608",
  "etag": "%EgcBAGkuNz0+GgQBAGUHlgxGRHcvejVZRndERT0=",
  "names": [
    {
      "metadata": {
        "primary": true,
        "source": {
          "type": "CONTACT",
          "id": "763e92010c74fa80"
        }
      },
      "displayName": "ciao giordana",
      "familyName": "giordana",
      "givenName": "ciao",
      "displayNameLastFirst": "giordana, ciao",
      "unstructuredName": "ciao giordana"
    }
  ],
  "emailAddresses": [
    {
      "metadata": {
        "primary": true,
        "source": {
          "type": "CONTACT",
          "id": "763e92010c74fa80"
        }
      },
      "value": "ciaogiordana@gmail.com"
    }
  ]
},
{
  "resourceName": "people/c3047766114103533041",
  "etag": "%EgcBAGkuNz0+GgQBAGUHlgxKeHZXQWNGN2xCND0=",
  "names": [
    {
      "metadata": {
        "primary": true,
        "source": {
          "type": "CONTACT",
          "id": "2a4bd7220d9d1df1"
        }
      },
      "displayName": "Samkit",
      "givenName": "Samkit",
      "displayNameLastFirst": "Samkit",
      "unstructuredName": "Samkit"
    }
  ],
  "emailAddresses": [
    {
      "metadata": {
        "primary": true,
        "source": {
          "type": "CONTACT",
          "id": "2a4bd7220d9d1df1"
        }
      },
      "value": "samkit5495@gmail.com"
    }
  ]
},
{
  "resourceName": "people/c7037896882231808384",
  "etag": "%EgcBAGkuNz0+GgQBAGUHlgxZd1QxTHltcEZmbz0=",
  "names": [
    {
      "metadata": {
        "primary": true,
        "source": {
          "type": "CONTACT",
          "id": "61aba1ed0f419180"
        }
      },
      "displayName": "Alessandro",
      "givenName": "Alessandro",
      "displayNameLastFirst": "Alessandro",

```

```

        "unstructuredName": "Alessandro"
    }
},
"emailAddresses": [
    {
        "metadata": {
            "primary": true,
            "source": {
                "type": "CONTACT",
                "id": "61aba1ed0f419180"
            }
        },
        "value": "alecosta@gmail.com"
    }
]
},
{
    "resourceName": "people/c2504110285447937667",
    "etag": "%EgcBAGkuNz0+GgQBAGUHigx3UzVrYlVBMW5TMD0=",
    "names": [
        {
            "metadata": {
                "primary": true,
                "source": {
                    "type": "CONTACT",
                    "id": "22c063098a86be83"
                }
            },
            "displayName": "Alessandro Costa",
            "familyName": "Costa",
            "givenName": "Alessandro",
            "displayNameLastFirst": "Costa, Alessandro",
            "unstructuredName": "Alessandro Costa"
        }
    ],
    "emailAddresses": [
        {
            "metadata": {
                "primary": true,
                "source": {
                    "type": "CONTACT",
                    "id": "22c063098a86be83"
                }
            },
            "value": "alecosta@gmail.com"
        }
    ]
},
{
    "resourceName": "people/c4451727200803795427",
    "etag": "%EgcBAGkuNz0+GgQBAGUHigx4M0FickI2U2M3ND0=",
    "names": [
        {
            "metadata": {
                "primary": true,
                "source": {
                    "type": "CONTACT",
                    "id": "3dc7b64d88dab1e3"
                }
            },
            "displayName": "Alessandro Costa",
            "familyName": "Costa",
            "givenName": "Alessandro",
            "displayNameLastFirst": "Costa, Alessandro",
            "unstructuredName": "Alessandro Costa"
        }
    ],
    "emailAddresses": [
        {
            "metadata": {
                "primary": true,
                "source": {
                    "type": "CONTACT",
                    "id": "3dc7b64d88dab1e3"
                }
            },
            "value": "alessandrocosta223@gmail.com"
        }
    ]
},
{

```

```

"resourceName": "people/c641236038399901854",
"etag": "%EgcBAGkuNz0+GgQBAGUHIgxiVws4MVRkenh0Yz0=",
"names": [
  {
    "metadata": {
      "primary": true,
      "source": {
        "type": "CONTACT",
        "id": "8e620c78e01409e"
      }
    },
    "displayName": "Daniele Buono",
    "familyName": "Buono",
    "givenName": "Daniele",
    "displayNameLastFirst": "Buono, Daniele",
    "unstructuredName": "Daniele Buono"
  }
],
"emailAddresses": [
  {
    "metadata": {
      "primary": true,
      "source": {
        "type": "CONTACT",
        "id": "8e620c78e01409e"
      }
    },
    "value": "dennyno01@gmail.com"
  }
]
},
"totalPeople": 8,
"totalItems": 8
}

```

- **Come creare un nuovo contatto:**

POST: <https://people.googleapis.com/v1/people:createContact>

- **Body richiesta:**

```

{
  "names": [ { "givenName": "Daniele" , "familyName": "Buono" } ],
  "phoneNumbers": [ { "value": "234456" } ],
  "emailAddresses": [ { "value": "dennyno01@gmail.com" } ]
}

```

- **Body risposta:**

```

{
  "resourceName": "people/c641236038399901854",
  "etag": "%EigBAGMEBQYHCAkKCwvNDg8QERITFBuWFxkfISIjJCumJy40NTc9Pj9AGgQBAGUHIgxiVws4MVRkenh0Yz0=",
  "metadata": {
    "sources": [
      {
        "type": "CONTACT",
        "id": "8e620c78e01409e",
        "etag": "#bUK81Tdxtc=",
        "updateTime": "2023-03-29T08:09:22.140191Z"
      },
      {
        "type": "PROFILE",
        "id": "100997152194831127595",
        "etag": "#ljYY7oWcZ94=",
        "profileMetadata": {
          "objectType": "PERSON",
          "userTypes": [
            "GOOGLE_USER"
          ]
        }
      },
      {
        "updateTime": "2023-03-25T15:01:08.738314Z"
      }
    ]
  },
  "objectType": "PERSON"
}

```

```

},
"names": [
  {
    "metadata": {
      "primary": true,
      "source": {
        "type": "CONTACT",
        "id": "8e620c78e01409e"
      }
    },
    "displayName": "Daniele Buono",
    "familyName": "Buono",
    "givenName": "Daniele",
    "displayNameLastFirst": "Buono, Daniele",
    "unstructuredName": "Daniele Buono"
  }
],
"coverPhotos": [
  {
    "metadata": {
      "primary": true,
      "source": {
        "type": "PROFILE",
        "id": "100997152194831127595"
      }
    },
    "url": "https://lh3.googleusercontent.com/c5dql-2uHZ82ah9p7yxrVF1ZssrJNSV_15Nu0TUZwzCwqmtolxCUJgEzLgtxsrJ6-v6R6rKU_-Fym881",
    "default": true
  }
],
"photos": [
  {
    "metadata": {
      "primary": true,
      "source": {
        "type": "PROFILE",
        "id": "100997152194831127595"
      }
    },
    "url": "https://lh3.googleusercontent.com/a-/ACB-R5TMfZgL80uyEYHo0roJEoh1G-eX8PgbsA3ldq995w=s100"
  },
  {
    "metadata": {
      "source": {
        "type": "CONTACT",
        "id": "8e620c78e01409e"
      }
    },
    "url": "https://lh3.googleusercontent.com/cm/AAkddupN_MeYuxgFtMFK_24UWI8Kg-l4NcDunl6Kq8-6kK9qXIzNqZjRVuL4cnt6g08D=s100",
    "default": true
  }
],
"emailAddresses": [
  {
    "metadata": {
      "primary": true,
      "source": {
        "type": "CONTACT",
        "id": "8e620c78e01409e"
      }
    },
    "value": "dennyno01@gmail.com"
  }
],
"phoneNumbers": [
  {
    "metadata": {
      "primary": true,
      "source": {
        "type": "CONTACT",
        "id": "8e620c78e01409e"
      }
    },
    "value": "234456"
  }
],
"memberships": [
  {
    "metadata": {
      "source": {
        "type": "CONTACT",

```

```

        "id": "8e620c78e01409e"
      }
    },
    "contactGroupMembership": {
      "contactGroupId": "myContacts",
      "contactGroupResourceName": "contactGroups/myContacts"
    }
  }
}
]
}

```

- **Come eliminare un contatto:**

DELETE: <https://people.googleapis.com/v1/people/c7037896882231808384:deleteContact>

- **Body** richiesta: **vuoto**.
- **Body** risposta: se **vuoto** la richiesta è andata a buon fine.
 - Esempio: `people/c7037896882231808384` (si trova nell'uri della richiesta sopra scritta) è il **resourceName**, indicato nei campi dei contatti nella richiesta.
 - In questo caso è stato eliminato il contatto di Alessandro che ha quel **resourceName**.

- **Come aggiornare un contatto:**

PATCH: https://people.googleapis.com/v1/people/{CONTACT_ID}:updateContact?updatePersonFields=emailAddresses

- **Body** richiesta:

```

{
  "resourceName": "people/c5922538989753549478",
  "etag": "%EgcBAGkuNz0+GgQBAGUHIgXkSjRzVHNAMVhMRT0=",
  "emailAddresses": [{ "value": "prova22@gmail.com" }]
}

```

- **Body** risposta:

```

{
  "resourceName": "people/c5922538989753549478",
  "etag": "%EigBAGMEBQYHCAKkCwNDg8QERITFBuWFxkfISIjJCUMJy40NTc9Pj9AGgQBAGUHIgXKQ1Mwb2V2ZkF5UT0=",
  "metadata": {
    "sources": [
      {
        "type": "CONTACT",
        "id": "523115d50ca942a6",
        "etag": "#JCS0oefvAyQ=",
        "updateTime": "2023-03-29T14:11:24.784148Z"
      }
    ]
  },
  "objectType": "PERSON"
},
"names": [
  {
    "metadata": {
      "primary": true,
      "source": {
        "type": "CONTACT",
        "id": "523115d50ca942a6"
      }
    },
    "displayName": "prova tiro",
    "givenName": "prova tiro",
    "displayNameLastFirst": "prova tiro",
    "unstructuredName": "prova tiro"
  }
],
"photos": [
  {
    "metadata": {
      "primary": true,
      "source": {
        "type": "CONTACT",
        "id": "523115d50ca942a6"
      }
    }
  }
]
}

```

```

    },
    "url": "https://lh3.googleusercontent.com/cm/AakdduqrKlV0evU4Mz1vA8zPtYvq5RT5PicWya9hw3XbnFZKW9JhImaahzkzF3EgGFpf=s100",
    "default": true
  }
],
"emailAddresses": [
  {
    "metadata": {
      "primary": true,
      "source": {
        "type": "CONTACT",
        "id": "523115d50ca942a6"
      }
    },
    "value": "prova22@gmail.com"
  }
],
"phoneNumbers": [
  {
    "metadata": {
      "primary": true,
      "source": {
        "type": "CONTACT",
        "id": "523115d50ca942a6"
      }
    },
    "value": "00 000",
    "type": "mobile",
    "formattedType": "Mobile"
  }
],
"memberships": [
  {
    "metadata": {
      "source": {
        "type": "CONTACT",
        "id": "523115d50ca942a6"
      }
    },
    "contactGroupMembership": {
      "contactGroupId": "54a944948fb846fc",
      "contactGroupResourceName": "contactGroups/54a944948fb846fc"
    }
  },
  {
    "metadata": {
      "source": {
        "type": "CONTACT",
        "id": "523115d50ca942a6"
      }
    },
    "contactGroupMembership": {
      "contactGroupId": "myContacts",
      "contactGroupResourceName": "contactGroups/myContacts"
    }
  }
]
}

```

- **Come creare un gruppo:**

POST: <https://people.googleapis.com/v1/contactGroups>

- **Body richiesta:**

```

{
  "contactGroup": {
    "name": "nome gruppo"
  }
}

```

- **Body risposta:**

```

{
  "resourceName": "contactGroups/12bf18b68f814289",

```

```
"etag": "weXF6NGJ5C8=",
"metadata": {
  "updateTime": "2023-03-29T15:18:38.215611Z"
},
"groupType": "USER_CONTACT_GROUP",
"name": "nome gruppo",
"formattedName": "numo gruppo"
}
```

- **Come aggiungere i contatti ad un gruppo:**

POST: https://people.googleapis.com/v1/contactGroups/{GROUP_ID}/members:modify.

- **Body** richiesta:

```
{
  "resourceNamesToAdd": [
    "people/{resourceName}",
    "people/{resourceName}"
  ]
}
```

- **Body** risposta: **vuoto**.

- **Come eliminare un gruppo:**

DELETE: https://people.googleapis.com/v1/contactGroups/{GROUP_ID}.

- **Body** richiesta: **vuoto**
- **Body** risposta: **vuoto** solo se è andata a buon fine.