

# space

The "space" query returns a specific Space. The query requires a mandatory attribute for the **id** of the Space to retrieve.

The **org.opencode4workspace.builders.SpaceGraphQLQuery** class has a simple static helper method, *buildSpaceGraphQLQueryWithSpaceId(String)*. Similar methods are also available from *WWClient* and *WWGraphQLEndpoint*.

For greater control, create an *ObjectDataSenderBuilder* for the **Space.ONE\_SPACE\_QUERY\_OBJECT\_NAME** object, adding the Space id attribute, passing in Space fields and children. Instantiate a new *SpaceGraphQLQuery* passing in the *ObjectDataSenderBuilder* as the parameter. Then pass this to *WWClient.getSpaceWithQuery()*.

## Space Members

While developing the SDK, it was expected that getting members for a Space would be a common requirement. Consequently the **org.opencode4workspace.builders.SpaceMembersGraphQLQuery** class has a simple static helper method, *buildSpaceMembersGraphQLQueryWithSpaceId(String)*. Similar methods are also available from *WWClient* and *WWGraphQLEndpoint*.

For greater control, create an *ObjectDataSenderBuilder* for the **Space.ONE\_SPACE\_QUERY\_OBJECT\_NAME** object, adding the Space id attribute, passing in Space fields and children. Instantiate a new *SpaceMembersGraphQLQuery* passing in the *ObjectDataSenderBuilder* as the parameter. Then pass this to *WWClient.getSpaceMembersWithQuery()*.

## Examples

### Basic getSpace

```
Space space = client.getSpaceById(spaceId);
assert (space.getMembers().size() > 0);
```

### getSpaceWithQuery

```
ObjectDataSenderBuilder query = new ObjectDataSenderBuilder();
query.setObjectName(Space.ONE_SPACE_QUERY_OBJECT_NAME);
query.addAttribute(SpaceAttributes.ID, spaceId);
query.addField(SpaceFields.ID);
query.addField(SpaceFields.TITLE);
query.addField(SpaceFields.DESCRPTION);

Space spaceResult = client.getSpaceWithQuery(new SpaceGraphQLQuery(query));
```

### basic getSpaceMembers

```
List<Person> members = client.getSpaceMembersById(spaceId);
assert (members.size() > 0);
```

### getSpaceMembers

```
ObjectDataSenderBuilder query = new ObjectDataSenderBuilder();
query.setObjectName(Space.ONE_SPACE_QUERY_OBJECT_NAME);
query.addAttribute(SpaceAttributes.ID, spaceId);
ObjectDataSenderBuilder members = new ObjectDataSenderBuilder(SpaceChildren.MEMBERS.getLabel(), true);
members.addField(PersonFields.ID);
members.addField(PersonFields.PHOTO_URL);
members.addField(PersonFields.EMAIL);
members.addField(PersonFields.DISPLAY_NAME);
members.addChild(new BasicCreatedByUpdatedByDataSenderBuilder(PersonChildren.CREATED_BY));
members.addChild(new BasicCreatedByUpdatedByDataSenderBuilder(PersonChildren.UPDATED_BY));
query.addChild(members);

List<Person> members = client.getSpaceMembersWithQuery(new SpaceMembersGraphQLQuery(query));
```