

What is a Replica?

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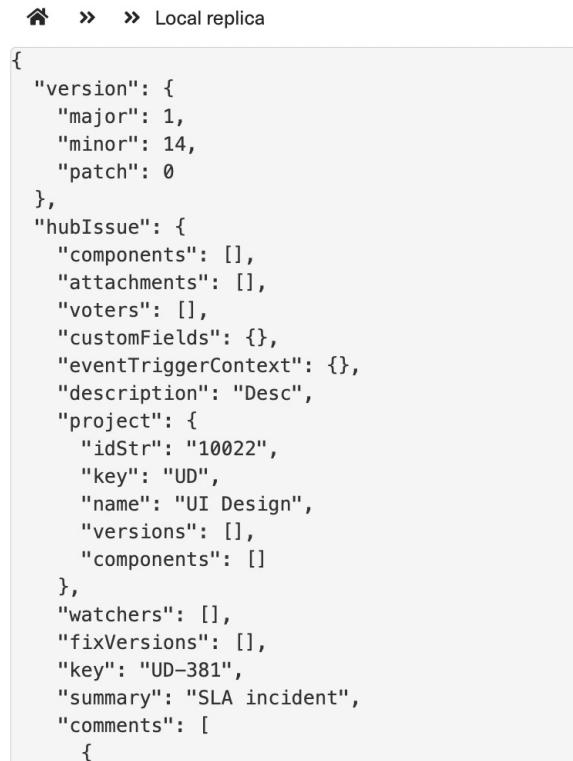
This article describes what a replica is and how it is used in the synchronization process.

Note: For a better understanding of the process involving sync rules, please refer to this article on sync rules.

A replica is a copy of the information that is getting transferred to the destination side. Exalate uses replicas to extract specific data and then send it over. You can use the replica in the Outgoing rules to specify which data should be sent. On the destination side, the replica object is used to represent the remote issue. It contains only the fields provided through the data filter on the source side.

You can view the replica details in the **Entity Sync status** panel. If the entity is synced, you can view the local replica by clicking the **Show local replica** button and the remote replica by clicking the **Show remote replica** button.

The replica looks something like this:



```
{
  "version": {
    "major": 1,
    "minor": 14,
    "patch": 0
  },
  "hubIssue": {
    "components": [],
    "attachments": [],
    "voters": [],
    "customFields": {},
    "eventTriggerContext": {},
    "description": "Desc",
    "project": {
      "idStr": "10022",
      "key": "UD",
      "name": "UI Design",
      "versions": [],
      "components": []
    },
    "watchers": [],
    "fixVersions": [],
    "key": "UD-381",
    "summary": "SLA incident",
    "comments": [
      {
        "id": 1,
        "text": "Initial issue description",
        "author": "John Doe",
        "date": "2022-01-15T14:30:00Z"
      }
    ]
  }
}
```

In this way, you can see what information is being passed over from the local instance. The remote replica has a similar structure.

Note: The hubIssue represents the information that is passed and how you can access it.

Whereas, the replica is more than the hubIssue section. The replica is the entire payload to be transferred between platforms.

Remote Replica

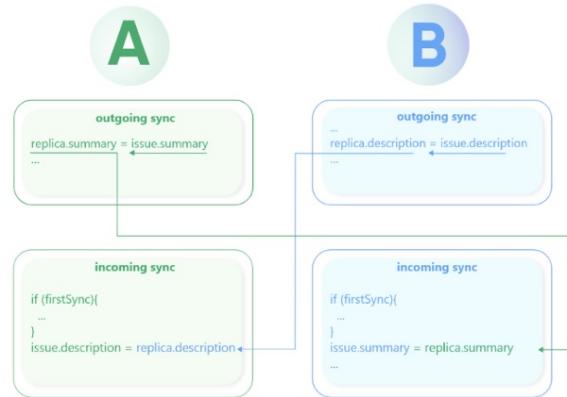
A **Replica** is a copy of an issue which is transferred to the other instance.

In the **outgoing sync processor**:

- replica variable defines the information added to the issue copy
- issue variable refers to the original issue

In the **incoming sync processor**:

- issue variable refers to the issue where the change needs to be applied.
- replica variable refers to the issue where the change happened.



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Note: For more information, please see the section on [The Synchronization Process Step-by-Step](#) here.

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