

Status response parsing

There is an API call for checking the status of the particular translation memory [t5memory - translate5 TM service - REST API#GetthestatusofTM](#)

Response from the endpoint looks next:

Requested translation memory does not exist

```
{
  "status": "not found"
}
```

Requested translation memory exists but is not loaded into memory

```
{
  "status": "available"
}
```

Translation memory exists and loaded into memory

```
{
  "status": "open",
  "tmxImportStatus": "available",
  "importProgress": 100,
  "importTime": "Overall import time is      : 0:00:01\n",
  "segmentsImported": 1,
  "invalidSegments": 0,
  "invalidSymbolErrors": 0,
  "importErrorMsg": "",
  "lastAccessTime": ""
}
```

Translation memory exists and loaded into memory

```
{
  "status": "open",
  "tmxImportStatus": "import",
  "importProgress": 0,
  "importTime": "not finished",
  "segmentsImported": -1,
  "invalidSegments": -1,
  "invalidSymbolErrors": -1,
  "importErrorMsg": "",
  "lastAccessTime": ""
}
```

Translation memory exists and loaded into memory

```
{
  "status": "open",
  "tmxImportStatus": "failed",
  "importProgress": 100,
  "importTime": "Overall import time is      : 0:00:00\n",
  "segmentsImported": 0,
  "invalidSegments": 1,
  "invalidSymbolErrors": 0,
  "importErrorMsg": "",
  "lastAccessTime": "",
  "ErrorMsg": "some error in import process"
}
```

Response parsing

While parsing the response from the API endpoint we pay attention to 3 fields

- status
- tmxImportStatus
- importTime

The following table shows how we map those three fields values to our internal TM status

What's happening with the TM in t5memory	status	tmxImportStatus	importTime	How translate5 considers this TM
Not found	not found	N/A	N/A	Error
Available	available	N/A	N/A	Available
Additional file import not finished	open	available	not finished	Import
Primary file import not finished	open	import	N/A	Import
Import finished successfully	open	available	finished	Available
Import finished with error	open	error	N/A	Error
Import failed	open	failed	N/A	Error

In case status or tmxImportStatus contains something that is not mentioned in table above we consider TM status to be Unknown