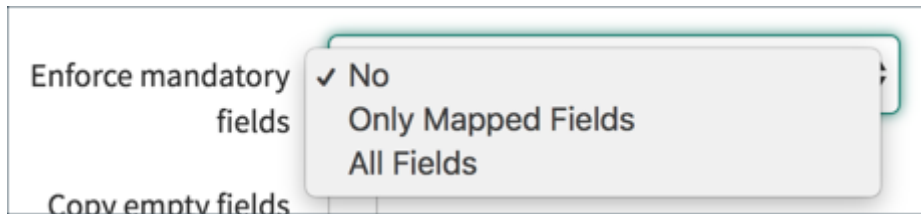


# ServiceNow Application Developer

## Importing Data > Enforce Mandatory Fields

In the default case, ServiceNow does not force import sets to provide values for all mandatory fields on a table. The *Enforce mandatory fields* option on a Transform Map mandatory fields to have values when importing data.



Even though the historic *NeedIt* data records were imported from the csv file, two mandatory *NeedIt* record fields have no values:

- *Requested for email*
- *When needed*

A screenshot of the ServiceNow 'NeedIt' record form for record NI002001. The form displays various fields including 'Number', 'Priority', 'Requested for', 'State', 'Request type', 'What needed', 'Requested for email', 'When needed', and 'Short description'. The 'Requested for email' and 'When needed' fields are highlighted with yellow boxes, indicating they are missing values. The 'Requested for email' field has a red asterisk icon next to it, and the 'When needed' field has a red asterisk icon and a calendar icon next to it. The 'Short description' field contains the text 'Imported record 1'.

Although there is a *Must have by* column in the source data that can be mapped to the *When needed* field, the source data has no column to map to the *Requested for email* field. One solution is to modify the source. If there were a lot of records, modifying the source could be time consuming and tedious. In this example, the *Requested for email* field value is set by a script.

Open the Transform Map and select the **Run script** configuration option. Write a server-side script to populate the *Requested for email* field.

The *source* object is automatically instantiated. The *source* object properties are the columns from the source data and the property values are the values from the source data.

The *target* object is also automatically instantiated. The *target* object properties are the fields from the target table. The values are the values from the script and the values from the Field Map.

Run business rules ☐

Enforce mandatory fields

Copy empty fields ☐

Create new record on empty coalesce fields ☐

Run script ☒

Script

```
1 (function transformRow(source, target, map, log, isUpdate) {
2
3     // If the source data does not have a u_requested_for_email field,
4     // create the target email address from the Requested for value. Email addresses
5     // have the format firstname.lastname@example.com. Convert the u_requested_for
6     // value to lowercase. Replace the space with a . and concatenate with
7     // @example.com
8     if(!("u_requested_for_email" in source)){
9         var name = source.u_requested_for.toLowerCase();
10        target.u_requested_for_email = name.replace(" ", ".") + "@example.com";
11    }
12
13 }(source, target, map, log, action==="update");
```

**DEVELOPER TIP:** Field Maps take precedence over Transform Map scripts.

**DEVELOPER TIP:** Do not use the string NULL in source data or in a script. NULL is a reserved word. Null and null can be used but not NULL.