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Creating Composite Relations

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Composite relations represent a way to create new dossiers based on frequency patterns.

Other ways to create dossiers are:

- Copy dossier
- Carry forward an existing dossier to the next timetable period
- Create a new dossier:
 - Using the Create New Dossier Wizard (this document)
 - From PaP Search (Please refer to "Select PaPs" document)

Composite relations are useful especially for the Passenger agencies since they allow the user to create frequency trains at once based on a current dossier.

In order to create new frequency trains:

Choose a dossier > Composite relations > Add composite relation

The screenshot shows a web application interface. On the left is a sidebar with a dark blue header containing 'Dashboard', 'Pre-constructed Products', and 'Administration'. Below this are menu items: 'Basic Data', 'Comments', 'RU Timetable', 'Train information', 'Train composition', 'Connections', 'Links', 'Composite relations' (highlighted with a dark blue bar and a red circle), 'Attachments', and 'Control'. The main content area has a top navigation bar with 'Menu', 'Dossier created via TSI Endpoi', 'Back to: Search', and '5000 | Test'. Below this, there's a section for 'Train Nr. 5000' with a red circle around the word 'Test' and a red annotation that reads 'Composite relation based on this dossier'. To the right of this are links for 'New Path Request', 'Default', and 'Harmonization'. Below that is a 'Labels' dropdown and an 'Inbox' button, with 'ID 119857 [v.9]' to the right. The main content area is titled 'Composite relations' and contains a '+ add composite relation' button with a red arrow pointing to it.

Once the user clicked in "+add composite relation" the system will open a new screen. We will give a name to the new composite relation and then we will click in the "+add dossier" button to include our new dossiers.

RU Timetable

Train information

Train composition

Connections

Links

Composite relations

Attachments

Control

Composite relations

Name of the composite relation

Reason: Frequency train

Name: "2 trains with 4 hours difference" (example)

Comment:

Reference point of the origin

Renfe-GL, Red Nacional de los F. Espanoles

| Arrival | Departure | | | | | | |
|---------|-----------|--|--|--|--|--|--|
| | 10:00 | | MADRID-ATOCHA (MERCANCIAS) | | | | |
| | | | ★ ADIF, Administrador de Infraestructuras Ferroviarias | | | | |

Cancel
Save

Click here to add one or more dossiers to this composite relation

Click here to add another composite relation

Please notice the button below "+add dossier". This option allows the user to create more than one composite relation from the same dossier. For example, if in our first composite relation we want to create two trains with a 4 hour difference we will create one composite relation. However, perhaps we want to create another composite relation for other days not hours. Although the system allows the user to create different types of shifted combinations for all the dossiers in just one composite relation, it is advisable to put the frequency trains with different shifting characteristics under different composite relation groups and give them a descriptive name.

After clicking in "+add dossier" a new screen shows up:

1

Reason Frequency train

Name 2 trains with 4 hours difference

Comment
First new train at 14h.
Second new train at 18h

Reference point of the origin
Renfe-GL, Red Nacional de los F. Espanoles

Arrival Departure

10:00 MADRID-ATOCHA (MERCANCIAS)
★ ADIF, Administrador de Infraestructuras Ferroviarias

1 2 3 4 5 6 7

2 Original train above is "1"

Dossier name 14h train

Shifting + 0 4 0

3 Shifting +4h for the first train

Dossier name 18h train

Shifting + 0 8 0

+ add dossier

+ add composite relation

Cancel Save

Here we can create as many dossiers as we want based on the original dossier.

Dossier name is an optional field. Shifting can be positive or negative and it will affect the days, hours or minutes we may add.

For example if we want to create two trains that run 4h after each other, the shifting has to remain positive and we will need to add 4hours for the first train and 8 hours to the second train.

After creating the needed dossiers we click on the "Save button. The basic information about the new dossiers is shown in a new screen:

Reference point of the origin

Renfe-GL, Red Nacional de los F. Espanoles

| Arrival | Departure | |
|---------|-----------|--|
| | 10:00 | MADRID-ATOCHA (MERCANCIAS) ★ ADIF, Administrador de Infraestructuras Ferroviarias |

1 2 3 4 5 6 7

2 **New Dossier ID automatically created**

| | |
|-------------------|---------------|
| ID | 1561 |
| Dossier ID | 159359 |
| Dossier name | 2nd train 14h |
| Int. train number | 5000 |

Renfe-GL, Red Nacional de los F. Espanoles

| Arrival | Departure | |
|---------|-----------|--|
| | 14:00 | MADRID-ATOCHA (MERCANCIAS) ★ ADIF, Administrador de Infraestructuras Ferroviarias |

1 2 3 4 5 6 7

3

| | |
|-------------------|---------------|
| ID | 1562 |
| Dossier ID | 159360 |
| Dossier name | 3rd train 18h |
| Int. train number | 5000 |

Renfe-GL, Red Nacional de los F. Espanoles

| Arrival | Departure | |
|---------|-----------|--|
| | 18:00 | MADRID-ATOCHA (MERCANCIAS) ★ ADIF, Administrador de Infraestructuras Ferroviarias |

1 2 3 4 5 6 7

+ add dossier

Cancel Save

+ add composite relation

Noticed that new Dossier IDs are created automatically for the new dossiers.

Based on the shifting we have created we can compare the time or dates shifted against the original dossier.

Clicking in the Dossier ID link we can revise and refine the new created dossiers like with any other dossier.

Please notice that the new dossiers will be in the Open phase regardless of the phase where the original dossier was.

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▼ **Translations**

No translations

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