

Solving Large Scale Track Allocation Problems CO@Work Berlin

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Solution

- ▶ **Free**
 - ▶ obj =73.327, 13 passenger trains, 20 cargo trains
- ▶ **Fixed**
 - ▶ obj = 49.419, 26 passenger trains, 6 cargo trains
- ▶ **APP with pairs**
 - ▶ ~1191 variables, ~90178 constraints, 3 and 1 b&b node
- ▶ **APP with maximal conflict sets**
 - ▶ ~527 variables, ~68 constraints , 1 and 1 b&b node
- ▶ **ACP**
 - ▶ ~14724 variables, ~10650 constraints, 1 b&b 1 node