

Algorithm 1: Creating RESTFull

Input: KDMSource source, KDMDData data

```
1 begin
2   foreach data.RelationalTable do
3     entity  $\leftarrow$  createClassUnit (data, source);
4     entity  $\leftarrow$  createDataElement (data, source);
5     entity  $\leftarrow$  createMethodUnit (data, source);
6     if entity  $\neq$  null then
7       absFac  $\leftarrow$  createAbstractFacade (entity)
8       entiFac  $\leftarrow$  createEntityFacade (absFac)
9       createCRUD (entiFac)
10      createGeneralization (absFac, entiFac)
11      createComposition (entity, entiFac)
12      createEntityRESTFUL (entity)
13    end
14  end
15 end
```
