

```
guest2mailInvitation.egx X
1 operation getCurrentTime() {
2     var javaDate = new Native("java.util.Date");
3     return javaDate;
4 }
5
6 rule Guest2MailInvitation
7     transform guest : Guest {
8
9         parameters : Map{
10             "currentTime" = getCurrentTime()
11         }
12         // For every Guest in the model ...
13         template : "guest2mailInvitation.egl"
14         target : "gen/" + guest.lastName + "_mail_invitation.md"
15     }
```

EGX

```
guest2mailInvitation.egl X
1 ![GSSI logo](https://www.gssi.it/images/logo-gssi-new.png)
2
3 TO:
4 Dr. [%=guest.firstName%]
5 Via email: [%=guest.email%]
6
7 CC:
8 [%=guest.departmentDirector.titlePrefix%].
9 [%=guest.departmentDirector.firstName%] [%=guest.departmentDirector.lastName%]
10 Scientific Director of the [%=guest.departmentDirector.department.name%]
11 Gran Sasso Science Institute, Italy
12
13 Subject: **Lecture**
14
15 Dear Dr. [%=guest.firstName%],
16 following the request of Adiel Tuyishime, approved by Scientific Director
17 of the Computer Science Scientific Area, I am very pleased to invite you
18 to the Gran Sasso Science Institute (GSSI), L'Aquila, Italy,
19 in data [%=guest.activity.first().time%] to run a scientific collaboration
20 on the following topic:
21
22
23 **[%=guest.activity.first().topic%]**
24 [%=guest.activity.first().abstract%]
25
26 Location: [%=guest.activity.first().venue%]
27
28 [%=guest.invitingPerson.firstName%] [%=guest.invitingPerson.lastName%],
29
30
31 L'Aquila, [%=currentTime%].
32
```

EGL

Anteprima lovino\_mail\_invitation.md X



TO: Dr. Ludovico Via email: [ludovico.iovino@gssi.it](mailto:ludovico.iovino@gssi.it)

CC: Prof. Patrizio Pelliccione Scientific Director of the Computer Science Gran Sasso Science Institute, Italy

Subject: **Lecture**

Dear Dr. Ludovico, following the request of Adiel Tuyishime, approved by Scientific Director of the Computer Science Scientific Area, I am very pleased to invite you to the Gran Sasso Science Institute (GSSI), L'Aquila, Italy, in data 15:00 to run a scientific collaboration on the following topic:

**Theory and Practice in MDE** Over the last years, several model repositories have been proposed in response to the need of the MDE community for advanced systems supporting the reuse of modeling artifacts. Modelers can interact with MDE repositories with different intents ranging from merely repository browsing, to searching specific artifacts satisfying precise requirements. The organization and browsing facilities provided by current repositories is limited since they do not produce structured overviews of the contained artifacts, and the categorization mechanisms (if any) are based on manual activities. When dealing with large numbers of modeling artifacts, such limitations increase the effort for managing and reusing artifacts stored in model repositories. By focusing on metamodel repositories, in this paper we propose the application of clustering techniques to automatically organize stored metamodels and to provide users with overviews of the application domains covered by the available metamodels. The approach has been implemented in the MDEForge repository

Location: Library

Adiel TUYISHIME, L'Aquila, Wed Jun 21 14:57:49 CEST 2023.