

Activity

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Activity

What it is responsible for

Activity manages activity-related data and operations for the Outlook plugin, centered on `Activity` and its related types. Entry points include `ActivityTypeEnum`, `ActivityStatusEnum`, and `ActivityEmailsTypeEnum`, which define activity, status, and email-type categories. They are named entry points. The subsystem also handles named activity aspects such as `ActivityLocation`, `ActivityParticipant`, `Reminder`, `ActivityPurpose`, `ActivityEmail`, `ActivityTopic`, and `ActivityAction`. Its mail-oriented operations include `checkActivityMailResponse`, `saveMailActivity`, `saveMailActivityWithAttachment`, and `checkMailActivityWithConversationId`; their names identify activity-mail checking and saving paths, including attachments and conversation IDs.

What it needs, and who needs it

Activity depends on [Auth](#), [Attachement](#), and [Pams](#). Without those dependencies, this subsystem cannot retain its declared integrations with those named subsystems.

`Outlook_plugin/src/taskpane` depends on Activity; without Activity, the taskpane loses access to `Activity` and the activity enums it enters through, including

`ActivityTypeEnum` and `ActivityStatusEnum`.

17 entities in `Outlook_plugin/src/activity`. **1 other subsystem depends on it**, which makes it the 5th most depended-upon part of this codebase.

What it is made of

Its 17 entities sit in 2 files under `Outlook_plugin/src/activity`: 10 classes, 3 enums, 3 functions and 1 service.

`activity.model.ts` holds 13 of them — more than any other file here.

Where work enters

- `Activity` — `Outlook_plugin/src/activity/activity.service.ts :1`
- `ActivityTypeEnum` — `Outlook_plugin/src/activity/activity.model.ts :42`
- `ActivityStatusEnum` — `Outlook_plugin/src/activity/activity.model.ts :52`
- `ActivityEMailsTypeEnum` — `Outlook_plugin/src/activity/activity.model.ts :62`

Boundaries

1 other subsystem depends on this one — `Taskpane` . Changing what it exposes changes them.

They hold 6 edges into it between them. 7 edges leave it against 6 arriving — it reads more of this repository than this repository reads of it. What they reach is narrower than the folder: 6 of its 17 members carry every inbound edge — `Activities` (1), `ActivityEMailsTypeEnum` (1) and `ActivityTypeEnum` (1), plus 3 more. Of the 7 it sends out, 5 go to `Auth` — more than to any other.

It depends on `Auth` , `Attachement` , `Pams` , and on nothing else in this repository.