Login page obtains list of courtesy Logins from provider. Presents selector. Page IdentitiesFilter presents on/off Login page on successful auth. invokes UserData with authenticated login. switches exposing the active flag of all the UserData obtains list of courtesy Logins, detects the one authenticated. IdentityActivation in UserData (read/write). If exists Login for authenticated then UserData builds list of IdentityActivation of all Login.ApplicationLogin UserData obtains the local saved active applicationKey-identityKey UserData sets the active flag of the IdentityActivations from saved flags. «template» Authentication «page» logins authenticate(username, password) «remote» Login Login Provider Authentication authenticate <- Authentication courtesy login authentications selector ops. username courtesy Logins getAllLogins() password «remote» Provider <- Login[] Courtesy logins logins LoginsRepository login(Authentication) getAllLogins() <- Login[] «template» «page» «local» Identities Identities **Identity Activation** UserData Filter Filter Storage autentication? list of pairs: multiselector getIdentityActivations() login? _applicationKey ApplicationKey IdentityActivation[] <- IdentityActivation[] _IdentityKeys _-identityKey onLogin() all read selected write getIdentityActivations() <- IdentityActivation[] «remote» getAllApplications() ActiveFilter **Applications Applications** <- Applications[] applications Provider «remote» «template» «page» Templates Templates Filter getAllTemplatespecs()_ templatespe¢s **Templates Templates** Templates templates Repository emplatespec[<- Templatespec[] Provider templatespecs list of template «template» «page» getTemplatespecs() boxFilter «remote» getTasksForGroupsAnd ipboxTasks Inbox Inbox Tasks Iemplatespec[] Identities() Provider task Repository list of Task inboxTasks <- Templatespec[] «local» **Drafts Storage** Drafts getTemplatespecs(naftsFiltergetDraftsOwnedByIdentities() «template» «page» draftsByTaskId {} drafts Drafts **Drafts** draftsead Provider list of Drafs drafts write «template» «page» getTemplatespeAschivedFilter «remote» Archived archivedTasks getTasksCompleted Archived Task History emplatespec[] _ByIdentities() Provider drafts list of Archived Repository archivedTasks <- Draft[] Tasks «template» «remote» «page»
Outbox
Tompletespe (3())tboxFilter Outbox getProcessesLaunched archivedTasks Outbox **Process History** Templatespec[] _Byldentities() Provider list of Sent Repository sent Template <- Draft[] Template instances <u>instances</u> Draft Work Typed IdentityActivation _v_Type processId applicationKey taskld identityKey Archived active Result **Application** WorkVariable success name Spec condition key name message key details type Group description **ProcessSpec** name candidates name key originalValue key Authentication newValue symbolic ref login Identity symbolic ref kev groupKeys: string[] initiableProcessKeys: string[] participantProcessKeys: string[symbolic ref Login symbolic ref LoginApplication login name applicationKey familyName identityKeys: string[]