

Axon.ivy 7.0

Portal Connector Documentation

Axon.ivy 7.0: Portal Connector Documentation

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Chapter 1. Installation

Portal Connector is deployed to application SYSTEM



Important

Portal Connector is deployed to application SYSTEM by default. Do not deploy Portal Connector to other applications.

Re-deploy Portal Connector



Important

Portal Connector is deployed to SYSTEM application. Therefore, you cannot use AdminUI to re-deploy it. If you customize Portal Connector or use another Portal Connector, you can re-deploy by this way.

Setting rescanning of system application.

- In YOUR_ENGINE_FOLDER/bin make copy of Example.ilc file.
- Rename it to AxonIvyEngine.ilc or AxonIvyEngineService.ilc if engine running as service.
- Find line `#ivy.vm.additional.options=` and replace it by `ivy.vm.additional.options=-Dch.ivyteam.ivy.server.rescanApplications=true`.
- Restart ivy engine.

With this new parameter engine will always check folder with system applications.

```
98 #
99 #ivy.java.main.method=main
100 #
101 #
102 # Additional vm arguments.
103 #
104 ivy.vm.additional.options=-Dch.ivyteam.ivy.server.rescanApplications=true
105 #
106 #
107 # Garbage collector arguments:
```

Update Portal Connector of system application.

- On engine extract all files from PortalConnector.iar to YOUR_ENGINE_FOLDER/system/applications/System/PortalConnector/1/.
- Restart ivy engine.

Chapter 2. Service documentation

Services

Absence services

| Web service name | Input parameters | Output parameters | Description |
|-----------------------|--|---|---|
| getAbsences | userName (String) applicationNames (List of String) | absences (List of IvyAbsence) errors (List of WSEExceptions) | Get all absences for user by input list of applications. |
| getAbsencesOfAllUsers | applicationNames (List of String) | absences (List of IvyAbsence) errors (List of WSEExceptions) | Get all absences of all users by in input list of applications. |
| setAbsences | userName (String) applicationNames (List of String) absencesToUpdate (List of IvyAbsences) | errors (List of WSEExceptions) | Delete all absences of user in input list of applications Save/update input list of IvyAbsence for user. |

Table 2.1. Absence services

Application services

| Web service name | Input parameters | Output parameters | Description |
|---------------------------|-----------------------------------|---|--|
| getAllApplications | | applications (List of IvyApplication) errors (List of WSEExceptions) | Get all applications. |
| getApplicationsByAppNames | applicationNames (List of String) | applications (List of IvyApplication) errors (List of WSEExceptions) | Get all applications based on application names. |

Table 2.2. Application services

Case services

| Web service name | Input parameters | Output parameters | Description |
|----------------------|--|--|----------------------------|
| countCasesByCriteria | caseSearchCriteria (CaseSearchCriteria) | caseCount (Long) errors (List of WSEExceptions) | Number of cases. |
| createNote | id (Long) user (String) message (String) | note (IvyNote) errors (List of WSEExceptions) | Creates new note for case. |
| destroyCase | caseId (Integer) | errors (List of WSEExceptions) | Destroy case. |
| downloadDocument | caseId (Long) | documentContent (Binary) | Download document of case. |

| Web service name | Input parameters | Output parameters | Description |
|----------------------------------|---|--|---|
| | documentId (Long) | errors (List of WSEExceptions) | |
| findCase | id (Long) | ivyCase (IvyCase) errors (List of WSEExceptions) | Search case by caseId through all applications. |
| findCasesByCriteria | startIndex (Integer) count (Integer) caseSearchCriteria (CaseSearchCriteria) | ivyCase (List of IvyCase) errors (List of WSEExceptions) | Find case by criteria. |
| findCaseCategoriesByCriteria | caseSearchCriteria (CaseSearchCriteria) language (String) | categories (List of CategoryData) errors (List of WSEExceptions) | Find category of cases that given user can work on. |
| findDocuments | id (Long) | documents (List of IvyDocument) errors (List of WSEExceptions) | Find document of case. |
| findNotes | id (Long) | notes (List of IvyNotes) errors (List of WSEExceptions) | Search for note by caseId. |
| getAdditionalProperties | id (Long) | additionalProperties (List of IvyAdditionalProperty) errors (List of WSEExceptions) | Get additional properties of case. |
| removeDocument | caseId (Long) documentId (Long) | errors (List of WSEExceptions) | Remove document of case. |
| setAdditionalProperties | caseId (Long) additionalProperties (List of IvyAdditionalProperty) | errors (List of WSEExceptions) | Set additional properties for case. |
| uploadDocument | caseId (Long) documentName (String) documentContent (Binary) | document (IvyDocument) errors (List of WSEExceptions) | Upload document to case. |
| saveCase | ivyCase (IvyCase) | errors (List of WSEExceptions) | Save Ivy Case. |
| analyzeCaseStateStatistic | caseSearchCriteria (CaseSearchCriteria) | caseStateStatistic (CaseStateStatistic) errors (List of WSEExceptions) | Get statistic data by case state. |
| analyzeElapsedTimeByCaseCategory | caseSearchCriteria (CaseSearchCriteria) | elapsedTimeStatistic (ElapsedTimeStatistic) errors (List of WSEExceptions) | Get statistic data by case category's elapsed time. |

Table 2.3. Case services

IsAlive services

| Web service name | Input parameters | Output parameters | Description |
|------------------|------------------------|--|---|
| isAlive | apps (List of strings) | applicationList (List of IvyApplication) | Checking if connector is "alive" and the applications |

| Web service name | Input parameters | Output parameters | Description |
|------------------|------------------|---|--|
| | | isAlive (Boolean) errors (List of WSEExceptions) | are running. If apps list is empty, it gives back all applications. If not, it searches only for apps in list. |

Table 2.4. IsAlive services

Library services

| Web service name | Input parameters | Output parameters | Description |
|------------------|--|--|--|
| getLibraries | apps (List of strings) | libraries (List of IvyLibraries) errors (List of WSEExceptions) | Get all projects name/version except Portal projects. |
| getLibrary | libraryId (String) appName (String) | library (IvyLibraries) errors (List of WSEExceptions) | Get projects name/version by libraryId and application name. |

Table 2.5. Library services

Process start services

| Web service name | Input parameters | Output parameters | Description |
|-------------------------------|--|--|---|
| findProcessesStartsByCriteria | isUrlBuiltFromSystemProperties (Boolean) language (String) processSearchCriteria (ProcessSearchCriteria) | processStarts (List of IvyProcessStarts) errors (List of WSEExceptions) | Search for ivy process start base on languages, criteria. |

Table 2.6. Process start services

Security services

| Web service name | Input parameters | Output parameters | Description |
|-----------------------------------|---------------------------|--|---|
| findAllUsers | apps (List of String) | users (List of IvySecurityMembers) errors (List of WSEExceptions) | Search for all users on list applications. |
| findAllRoles | apps (List of String) | roles (List of IvyRole) errors (List of WSEExceptions) | Search for all roles on list applications. |
| findSecurityMembersToDelegateTask | taskId (Long) | users (List of IvyUser) roles (List of IvyRole) errors (List of WSEExceptions) | Find list of users to delegate task. |
| findUserByRoleId | app (String) id (Long) | users (List of IvyUser) errors (List of WSEExceptions) | Search for all users that have role with id equals to input id. |

Table 2.7. Security services

Server services

| Web service name | Input parameters | Output parameters | Description |
|------------------|------------------|---|---|
| getExternalHost | | externalHost (String) errors (List of WSEExceptions) | Get the system property "WebServer.ExternalHostName" of the engine. |

Table 2.8. Server services

Sidestep services

| Web service name | Input parameters | Output parameters | Description |
|-------------------------|--|---|----------------------------|
| findSideStepsByCriteria | isUrlBuiltFromSystemProperties (Boolean) sideStepSearchCriteria (SideStepSearchCriteria) language (String) | sideSteps (List of IvySideStep) errors (List of WSEExceptions) | Get sidesteps by criteria. |

Table 2.9. Sidestep services

Supported language services

| Web service name | Input parameters | Output parameters | Description |
|-----------------------|--------------------------|---|---|
| getSupportedLanguages | applicationName (String) | supportedLanguages (List of String) errors (List of WSEExceptions) | Get all supported languages of application. |

Table 2.10. Supported language services

Task Services

| Web service name | Input parameters | Output parameters | Description |
|--------------------------|--|---|---|
| analyzeExpiryStatistic | jsonQuery (String) userName (String) apps (List of String) | expiryStatistic (ExpiryStatistic) errors (List of WSEExceptions) | Get statistic data by task expiry date. |
| analyzePriorityStatistic | jsonQuery (String) userName (String) apps (List of String) | priorityStatistic (PriorityStatistic) errors (List of WSEExceptions) | Get statistic data by task priority. |
| canUserResumeTask | id (Long) userName (String) | workerUserName (String) canUserResumeTask (String) errors (List of WSEExceptions) | Detect user can resume task or not. |
| createTaskNote | user (String) message (String) id (Long) | ivyNote (IvyNote) errors (List of WSEExceptions) | Create task note for user. |

| Web service name | Input parameters | Output parameters | Description |
|----------------------------|--|--|---|
| countTasksByCriteria | taskSearchCriteria (TaskSearchCriteria) | taskCount (Long) errors (List of WSEExceptions) | Count number of tasks by criteria. |
| delegateTask | isUrlBuiltFromSystemProperties (Boolean) id (Long) ivySecurityMember (IvySecurityMember) | ivyTask (IvyTask) errors (List of WSEExceptions) | Delegate task found by taskId to ivySecurityMember. |
| findTasksByCriteria | isUrlBuiltFromSystemProperties (Boolean) startIndex (Integer) count (Integer) taskSearchCriteria (TaskSearchCriteria) | ivyTask (List of IvyTask) allIvyTasks (List of IvyTask) errors (List of WSEExceptions) | Find tasks by criteria. |
| findTasksByCase | caseId (Integer) involvedUserName (String) | ivyTask (List of IvyTask) errors (List of WSEExceptions) | Find tasks by caseId. |
| findTaskNotes | id (Long) | ivyNote (IvyNote) errors (List of WSEExceptions) | Find task note by id. |
| findCategories | jsonQuery (String) userName (String) apps (List of String) language (String) | categories (List of CategoryData) errors (List of WSEExceptions) | Find category of tasks that given user can work on. |
| findPersonalTaskCategories | jsonQuery (String) userName (String) apps (List of String) language (String) | categories (List of CategoryData) errors (List of WSEExceptions) | Find category of tasks those are responsible by given user. |
| findGroupTaskCategories | jsonQuery (String) userName (String) apps (List of String) language (String) | categories (List of CategoryData) errors (List of WSEExceptions) | Find category of tasks those are responsible by role and given use has this role. |
| parkTask | isUrlBuiltFromSystemProperties (Boolean) id (Long) user (String) | ivyTask (IvyTask) errors (List of WSEExceptions) | Park found users task by taskId. |
| resetTask | currentUserName (String) isUrlBuiltFromSystemProperties (Boolean) | ivyTask (IvyTask) errors (List of WSEExceptions) | Resets the given task. |

| Web service name | Input parameters | Output parameters | Description |
|------------------|------------------|--------------------------------|----------------|
| | id (Long) | | |
| save | task (IvyTask) | errors (List of WSEExceptions) | Save ivy task. |

Table 2.11. Task services

User settings services

| Web service name | Input parameters | Output parameters | Description |
|----------------------|---|---|--|
| findUserSetting | user (String) appName (String) | userSetting (IvyUserSetting) errors (List of WSEExceptions) | Search for setting for user by username in application. |
| saveUserSetting | user (String) userSetting (IvyUserSetting) appName (String) | errors (List of WSEExceptions) | Saving input IvyUserSetting for user by username in application. |
| getEmailSettings | applications (List of String) user (String) | settings (List of IvyEmailSetting) errors (List of WSEExceptions) | Get all settings for all applications contained in input applications parameter. |
| setEmailSettings | settings (List of IvyEmailSetting) user (String) | errors (List of WSEExceptions) | Save input IvyEmailSetting for user settings in application. |
| getSubstitutes | applications (List of String) user (String) | substitutes (List of IvySubstitute) userApplications (List of IvyUser) errors (List of WSEExceptions) | Get all substitutes for user in all input list of applications, and all users in applications. |
| setSubstitutes | username (String) substitutes (List of IvySubstitute) | errors (List of WSEExceptions) | Save/update input list of IvySubstitute for user. |
| getLanguagesSettings | serverId (Long) user (String) apps (List of String) | settings (List of IvyLanguageSetting) errors (List of WSEExceptions) | Get Languages settings for the passed user and applications. |
| setLanguagesSettings | user (String) settings (List of IvyLanguageSetting) | errors (List of WSEExceptions) | Save/update languages settings for the passed user. |

Table 2.12. User settings services

Web start (Process start and case map) services

| Web service name | Input parameters | Output parameters | Description |
|-----------------------------|--|--|---|
| findWebStartablesByCriteria | isUrlBuiltFromSystemProperties (Boolean) | webStartables (List of IvyWebStartables) | Search for ivy web start base on languages, criteria. |

| Web service name | Input parameters | Output parameters | Description |
|------------------|---|--------------------------------|-------------|
| | language (String) webStartableSearchCriteria (WebStartableSearchCriteria) | errors (List of WSEExceptions) | |

Table 2.13. Web start (Process start and case map) services

Service objects

Absence

| Name | Type |
|--------------|------------------|
| absences | List<IvyAbsence> |
| userFullName | String |
| userName | String |

Table 2.14. Absence

IvyAbsence

| Name | Type |
|--------------------|--------|
| description | String |
| appName | String |
| startDateInclusive | Date |
| stopDateInclusive | Date |

Table 2.15. IvyAbsence

IvyAdditionalProperty

| Name | Type |
|-------|--------|
| key | String |
| value | String |

Table 2.16. IvyAdditionalProperty

IvyApplication

| Name | Type |
|----------|---------|
| id | Long |
| isActive | Boolean |
| name | String |

Table 2.17. IvyApplication

IvyCase

| Name | Type |
|---|---------------------------|
| -//- | All parameters from ICase |
| applicationName | String |
| businessCorrespondentId | Integer |
| businessCreatorUser | String |
| businessMainContactDocumentDatabaseCode | String |
| businessMainContactFolderId | String |
| businessMainContactId | Integer |
| businessMainContactName | String |
| businessContactType | String |
| businessMilestoneTimestamp | Date |
| businessObjectCode | String |
| businessObjectDocumentDatabaseCode | String |
| businessObjectFolderId | String |
| businessObjectName | String |
| businessPriority | String |
| businessStartTimestamp | Date |
| canChangeDescription | Boolean |
| canChangeName | Boolean |
| canDestroy | Boolean |
| creatorFullName | String |
| creatorUserName | String |
| customDecimalFiled1 | Float |
| customDecimalFiled2 | Float |
| customDecimalFiled3 | Float |
| customDecimalFiled4 | Float |
| customDecimalFiled5 | Float |
| customTimestampField1 | Date |
| customTimestampField2 | Date |
| customTimestampField3 | Date |
| customTimestampField4 | Date |
| customTimestampField5 | Date |
| customVarCharField1 | String |
| customVarCharField2 | String |
| customVarCharField3 | String |
| customVarCharField4 | String |
| customVarCharField5 | String |
| description | String |
| endTimestamp | Date |
| id | Long |

| Name | Type |
|---------------------------|---------------|
| ivyNotes | List<IvyNote> |
| name | String |
| priority | String |
| processCategoryCode | String |
| processCategoryName | String |
| processCode | String |
| processName | String |
| processModelName | String |
| processModelVersionNumber | Integer |
| serverId | Long |
| startTimestamp | Date |
| state | String |
| subTypeCode | String |
| subTypeName | String |
| typeCode | String |
| typeName | String |

Table 2.18. IvyCase

IvyDocument

| Name | Type |
|------------------|------------------|
| contentType | String |
| creation | ModificationInfo |
| id | Long |
| lastModification | ModificationInfo |
| name | String |
| path | Path |
| size | Long |

Table 2.19. IvyDocument

IvyEmailSetting

| Name | Type |
|--------------------------------------|---------|
| appName | String |
| customMailEnabled | Boolean |
| emailNotificationDisabled | Boolean |
| emailSendDailyTaskSummaryOnMonday | Boolean |
| emailSendDailyTaskSummaryOnTuesday | Boolean |
| emailSendDailyTaskSummaryOnWednesday | Boolean |
| emailSendDailyTaskSummaryOnThursday | Boolean |
| emailSendDailyTaskSummaryOnFriday | Boolean |

| Name | Type |
|-------------------------------------|---------|
| emailSendDailyTaskSummaryOnSaturday | Boolean |
| emailSendDailyTaskSummaryOnSunday | Boolean |
| emailSendOnNewWorkTasks | Boolean |

Table 2.20. IvyEmailSetting

IvyLanguageSetting

| Name | Type |
|--------------------|--------------|
| appName | String |
| supportedLanguages | List<String> |
| userLanguage | String |

Table 2.21. IvyLanguageSetting

IvyLibrarySetting

| Name | Type |
|----------------|--------|
| id | String |
| projectName | String |
| projectVersion | String |
| application | String |

Table 2.22. IvyLibrarySetting

IvyNote

| Name | Type |
|-------------------|--------|
| creationTimestamp | Date |
| creatorFullName | String |
| creatorUserName | String |
| id | Long |
| message | String |

Table 2.23. IvyNote

IvyProcessStart

| Name | Type |
|-----------------------------|-----------------------------------|
| -//- | All parameters from IProcessStart |
| applicationName | String |
| description | String |
| fullRequestStart | String |
| fullRequestPathWithDocId | String |
| fullUserFriendlyRequestPath | String |
| id | Long |

| Name | Type |
|------------------|--------|
| name | String |
| processElementId | String |
| serverAddress | String |
| startLink | String |

Table 2.24. IvyProcessStart

IvyRole

| Name | Type |
|-------------|---------|
| application | String |
| displayName | String |
| id | Long |
| isUser | Boolean |
| memberName | String |

Table 2.25. IvyRole

IvySecurityMember

| Name | Type |
|-------------|--------|
| application | String |
| displayName | String |
| id | Long |
| memberName | String |

Table 2.26. IvySecurityMember

IvySideStep

| Name | Type |
|-----------------|--------|
| name | String |
| startRequestUri | String |

Table 2.27. IvySideStep

IvySubstitute

| Name | Type |
|-----------------|--------|
| appName | String |
| description | String |
| forThisRole | String |
| mySubstitute | String |
| roleDisplayName | String |

Table 2.28. IvySubstitute

IvyTask

| Name | Type |
|---|---------------------------|
| -//- | All parameters from ITask |
| activatorFullName | String |
| activatorName | String |
| applicationName | String |
| businessCreatorUser | String |
| businessMilestoneTimestamp | Date |
| canChangeDescription | Boolean |
| canChangeName | Boolean |
| canChangePriority | Boolean |
| canDelegate | Boolean |
| canPark | Boolean |
| canReset | Boolean |
| canResume | Boolean |
| caseBusinessCorrespondentId | Integer |
| caseBusinessCreatorUser | String |
| caseBusinessMainContactDocumentDatabaseCode | String |
| caseBusinessMainContactFolderId | String |
| caseBusinessMainContactId | Integer |
| caseBusinessMainContactName | String |
| caseBusinessMainContactType | String |
| caseBusinessMilestoneTimestamp | Date |
| caseBusinessObjectCode | String |
| caseBusinessObjectDocumentDatabaseCode | String |
| caseBusinessObjectFolderId | String |
| caseBusinessObjectName | String |
| caseBusinessPriority | String |
| caseBusinessStartTimestamp | Date |
| caseCreatorUserName | String |
| caseCustomDecimalField1 | Float |
| caseCustomDecimalField2 | Float |
| caseCustomDecimalField3 | Float |
| caseCustomDecimalField4 | Float |
| caseCustomDecimalField5 | Float |
| caseCustomTimestampField1 | Date |
| caseCustomTimestampField2 | Date |
| caseCustomTimestampField3 | Date |
| caseCustomTimestampField4 | Date |
| caseCustomTimestampField5 | Date |
| caseCustomVarCharField1 | String |

| Name | Type |
|----------------------------|-------------|
| caseCustomVarCharField2 | String |
| caseCustomVarCharField3 | String |
| caseCustomVarCharField4 | String |
| caseCustomVarCharField5 | String |
| caseDescription | String |
| caseEndTimestamp | Date |
| caseId | Long |
| caseName | String |
| casePriority | String |
| caseProcessCategoryCode | String |
| caseProcessCategoryName | String |
| caseProcessCode | String |
| caseProcessName | String |
| caseShowDetailLink | String |
| caseStartTimestamp | Date |
| caseState | String |
| caseSubTypeCode | String |
| caseSubTypeName | String |
| caseTypeCode | String |
| caseTypeName | String |
| customDecimalField1 | Float |
| customDecimalField2 | Float |
| customDecimalField3 | Float |
| customDecimalField4 | Float |
| customDecimalField5 | Float |
| customTimestampField1 | Date |
| customTimestampField2 | Date |
| customTimestampField3 | Date |
| customTimestampField4 | Date |
| customTimestampField5 | Date |
| customVarCharField1 | String |
| customVarCharField2 | String |
| customVarCharField3 | String |
| customVarCharField4 | String |
| customVarCharField5 | String |
| delayTimestamp | Date |
| description | String |
| displayDescriptionTemplate | String |
| displayNameTemplate | String |
| expireActivatorName | String |
| expireActivatorFullName | String |

| Name | Type |
|---------------------------|---------------|
| expirePriority | String |
| expireTimestamp | Date |
| fullRequestPath | String |
| id | Long |
| isExpired | Boolean |
| ivyNotes | List<IvyNote> |
| kindCode | String |
| kindName | String |
| name | String |
| originalActivatorName | String |
| originalActivatorFullName | String |
| originalPriority | String |
| priority | String |
| serverId | Long |
| startTimestamp | Date |
| state | String |
| workerFullName | String |
| workerUserName | String |

Table 2.29. IvyTask

IvyUser

| Name | Type |
|-------------|--------|
| application | String |
| displayName | String |
| id | Long |
| memberName | String |

Table 2.30. IvyUser

IvyUserSetting

| Name | Type |
|--------------------------------------|---------|
| emailNotificationDisabled | Boolean |
| emailSendDailyTaskSummaryOnMonday | Boolean |
| emailSendDailyTaskSummaryOnTuesday | Boolean |
| emailSendDailyTaskSummaryOnWednesday | Boolean |
| emailSendDailyTaskSummaryOnThursday | Boolean |
| emailSendDailyTaskSummaryOnFriday | Boolean |
| emailSendDailyTaskSummaryOnSaturday | Boolean |
| emailSendDailyTaskSummaryOnSunday | Boolean |
| emailSendOnNewWorkTasks | Boolean |

| Name | Type |
|----------------------|---------|
| language | String |
| useUserEmailSettings | Boolean |

Table 2.31. IvyUserSetting

IvyWebStartable

| Name | Type |
|----------------------|--------|
| name | String |
| displayName | String |
| description | String |
| link | String |
| activatorDisplayName | String |
| activatorMemberName | String |

Table 2.32. IvyWebStartable

NumberOfExpiryTasks

| Name | Type |
|---------------------|--------------------|
| errors | List<WSEException> |
| numberOfExpiryTasks | Long |

Table 2.33. NumberOfExpiryTasks

PriorityStatistic

| Name | Type |
|-----------|------|
| exception | Long |
| high | Long |
| low | Long |
| normal | Long |

Table 2.34. PriorityStatistic

ExpiryStatistic

| Name | Type |
|--------|--------|
| result | String |

Table 2.35. ExpiryStatistic

CaseStateStatistic

| Name | Type |
|---------|------|
| created | Long |
| running | Long |
| done | Long |

| Name | Type |
|--------|------|
| failed | Long |

Table 2.36. CaseStateStatistic

ElapsedTimeStatistic

| Name | Type |
|--------|--------|
| result | String |

Table 2.37. ElapsedTimeStatistic

WSException

| Name | Type |
|--------------------|--------------|
| helpTextData | List<Object> |
| userTextData | List<Object> |
| errorCode | Integer |
| errorDateTime | DateTime |
| errorType | WSErrorType |
| exception | Exception |
| exceptionAvailable | Boolean |
| helpText | String |
| server | String |
| textInitialized | Boolean |
| userText | String |

Table 2.38. WSException

WSErrorType

- INFO
- WARNING
- ERROR

Error codes

| Error code | Error description (user text) |
|------------|---|
| 10000 | An error occurred while finding case by id |
| 10001 | An error occurred while searching cases for user |
| 10002 | An error occurred while searching cases for user by filter |
| 10003 | An error occurred while searching notes for case |
| 10004 | An error occurred while creating note for case |
| 10005 | An error occurred while searching tasks for case |
| 10006 | An error occurred while checking if application/s is/are active |
| 10007 | An error occurred while searching process starts for applications |

| Error code | Error description (user text) |
|-------------------|---|
| 10008 | An error occurred while searching applications process starts for user |
| 10009 | An error occurred while roles searching |
| 10010 | An error occurred while users searching |
| 10011 | An error occurred while roles searching for user by role id |
| 10012 | An error occurred while creating note for task |
| 10013 | An error occurred while searching notes for task |
| 10014 | An error occurred while task delegating |
| 10015 | An error occurred while searching task by id |
| 10016 | An error occurred while searching tasks for user by filter |
| 10017 | An error occurred while task parking |
| 10018 | An error occurred while searching setting for user |
| 10019 | An error occurred while saving user setting |
| 10020 | An error occurred while searching setting for user in application |
| 10021 | An error occurred while saving setting for user in application |
| 10022 | Case: ID {CASE_ID} not found |
| 10023 | Application(s) {LIST_OF_APPLICATIONS} is/are not active |
| 10024 | Empty, error is not used |
| 10025 | No case found for user {USERNAME} |
| 10026 | No application specified. |
| 10027 | Task ID "{TASK_ID}" not found |
| 10028 | Fault error: Unmarshalling Error: For input: "{INPUT_STRING}" |
| 10029 | User "{USER_NAME}" not found |
| 10030 | Application(s) "{LIST_OF_APPLICATIONS}" not found |
| 10031 | Task id {TASK_ID} not found for user {USER_NAME} |
| 10032 | An error occurred while getting settings for all applications. |
| 10033 | An error occurred while saving email settings. |
| 10034 | An error occurred while getting absences for user in applications. |
| 10035 | An error occurred while saving absences. |
| 10036 | An error occurred while getting substitutes for user in applications. |
| 10037 | An error occurred while saving substitutes. |
| 10038 | Role "{ROLE_NAME}" not found for user |
| 10039 | No username specified. |
| 10040 | An error occurred while get languages settings, key {CMS_LANG_KEY} not found on {PROCESS_MODEL_VERSION} |
| 10041 | Language {LANGUAGE} not supported |
| 10042 | Please change the filename {FILE_NAME} because it exists. |

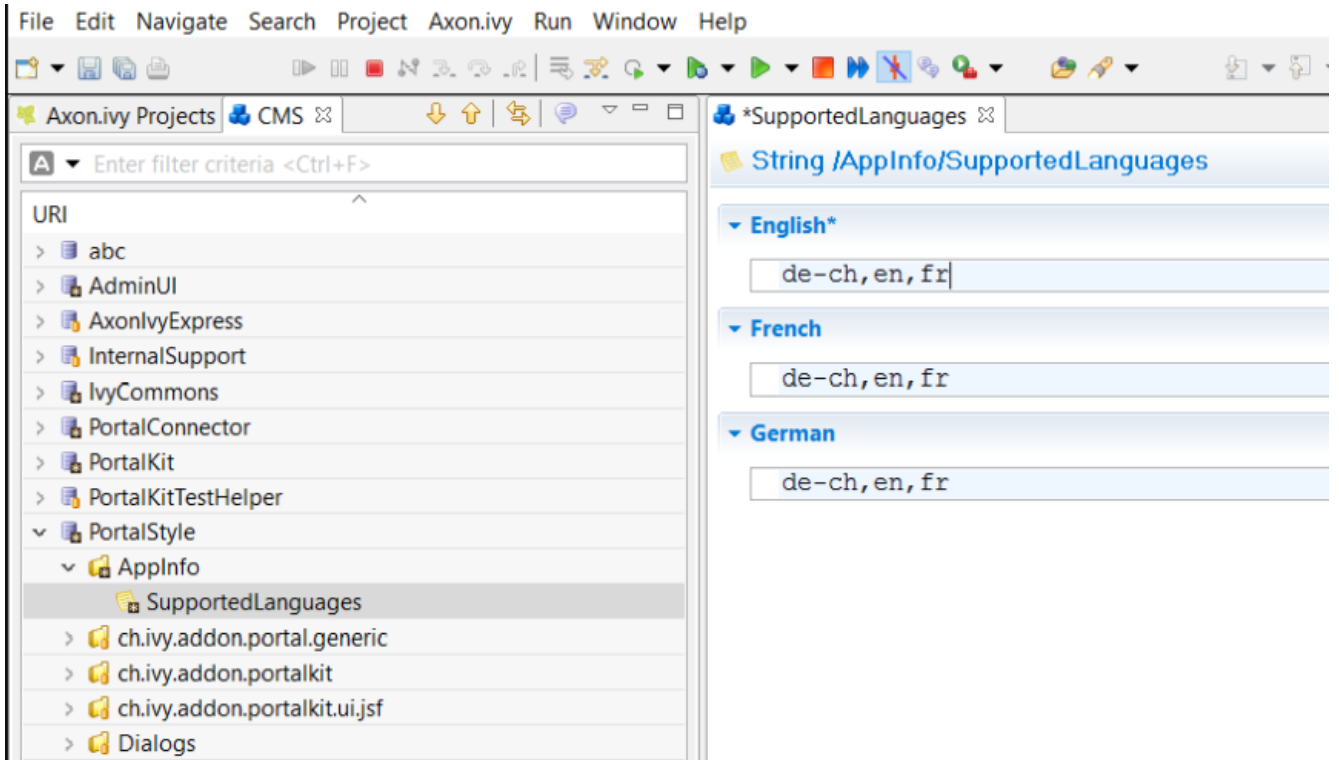
| Error code | Error description (user text) |
|------------|---|
| 10043 | Unknown error. |
| 10044 | An error occurred while getting tasks of the case has ID {ID}. |
| 10045 | An error occurred while saving task. |
| 10046 | An error occurred while searching side steps of the case for user. |
| 10047 | An error occurred while changing password. |
| 10048 | Can not set language for email notification language. |
| 10049 | An error occurred while analyzing statistic data by task priority. |
| 10050 | An error occurred while analyzing statistic data by task expiry date. |
| 10051 | An error occurred while analyzing statistic data by case state. |
| 10052 | An error occurred while analyzing statistic data by case category's elapsed time. |
| 10053 | An error occurred while searching for case categories. |

Table 2.39. Error codes

Application requirements

To have multi languages in portal, key `/AppInfo/SupportedLanguages` must exist in CMS of Portal Style. This entry contains list of all languages supported by this application, separated by comma.

- Must not contain spaces.
- Same as display name of locale.
- Separated by comma.
- Process Model version have this CMS must active.



Chapter 3. Release notes

Project description

Portal connector provide web service to retrieve data for Portal. Portal connector works with ivy engine from 6.0 Sântis. E.g. 6.2.

In this release, IsAlive web service is **deprecated** and **replaced** by ApplicationService.

Features

All Portal connector web services are secured now with authentication.

Portal connector provide service to get data about:

- Absence
- Application
- Case
- Process start
- Security
- Supported language
- Task
- User setting
- Web start (Process start and case map)

Changes

Changes in 7.2

- Introduced the LibraryService WS to get the project version

Changes in 7.0

- Param: JsonQuery is added to CaseService for CaseQuery customization

Changes in 6.6

- Param: JsonQuery is added to TaskService for TaskQuery customization

Changes in 6.5

- URL detection on single server: use request URL to generate links for processes, tasks

Chapter 4. Migration notes

Migration notes

`Portal connector` is now integrated to Ivy engine as system application. No installation or conversion of `Portal connector 5.0` is needed.

The `Portal connector` works only with the same Ivy Engine with it was bundled with.

Open url: `your engine/ivy/info/index.jsp?showSystemApp=true` to check for available web services.

Migrate 7.0 to 7.1

The language parameter is added in the `findCaseCategoryByCriteria` in `CaseService`.

Migrate 6.x to 7.0

Property: `DisableCustomMails` is replaced with new property `useCustomMails` in `UserSettingService`.

If you are using `DisableCustomMails`, please change to use property `useCustomMails` and update your web service to adapt this change.

Migrate 6.5 to 6.6

Params: `jsonQuery` is added to `TaskService` (`findCategories`, `findPersonalCategories`, `findGroupCategories`, `analyzePriorityStatistic`, `analyzeExpiryStatistic`)

Migrate 6.x (x < 5) ... 6.5

Params: `serverId`, `serverUrl`, `isNoConfigurationServer` are removed, `isUrlBuiltFromSystemProperties` is added in `ProcessStartService` (`findProcessesStartsByCriteria`) and `TaskService` (`findTasksByCriteria`, `delegateTask`, `parkTask`, `resetTask`)

Param: `serverId` is removed in `CaseService` (`findProcessesStartsByCriteria`)