

# **Axon.ivy 6.7**

## **Portal Connector Documentation**

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# **Axon.ivy 6.7: Portal Connector Documentation**

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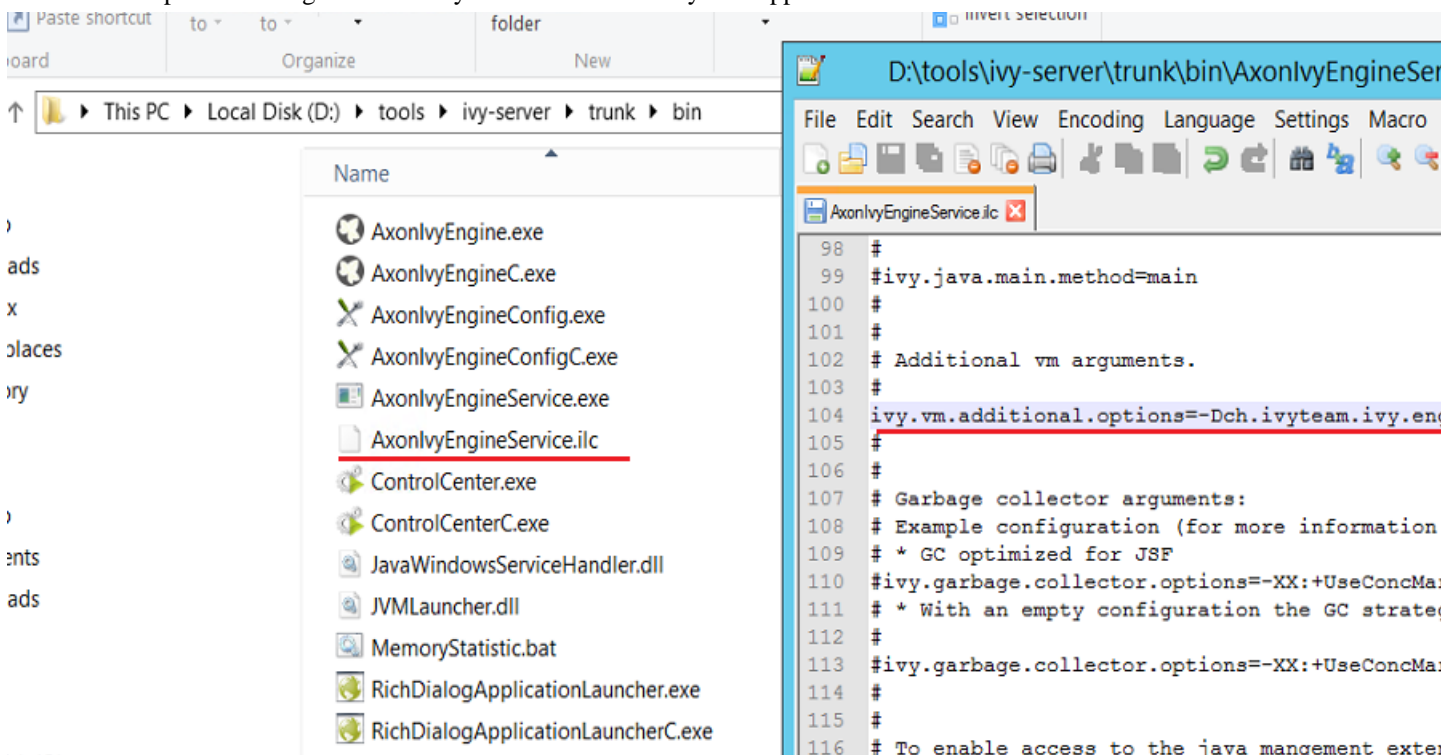
# Chapter 1. Installation

## Portal connector installation as system application

Setting rescanning of system application.

- In YOUR\_ENGINE\_NAME\_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.engine.rescanApplications=true.
- Restart ivy engine.

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



Update Portal Connector of system application.

- Export Portal Connector from workspace as .zip file.
- On engine extract all files from .zip to YOUR\_ENGINE\_NAME\_FOLDER/applications/System/PortalConnector/1/.
- Restart ivy engine.

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# Chapter 2. Service documentation

## Services

### Absence services

| Web service name      | Input parameters   | Output parameters   | Description   |
|-----------------------|--|---|---|
| getAbsences           | userName (String)<br>applicationNames (List of String)   | absences (List of IvyAbsence)<br>errors (List of WSEExceptions) | Get all absences for user by input list of applications.  |
| getAbsencesOfAllUsers | applicationNames (List of String)  | absences (List of IvyAbsence)<br>errors (List of WSEExceptions) | Get all absences of all users by in input list of applications.   |
| setAbsences           | userName (String)<br>applicationNames (List of String)<br>absencesToUpdate (List of IvyAbsences) | errors (List of WSEExceptions)                                  | Delete all absences of user in input list of applications<br>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)<br>errors (List of WSEExceptions) | Get all applications.                            |
| getApplicationsByAppNames | applicationNames (List of String) | applications (List of IvyApplication)<br>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)<br>errors (List of WSEExceptions) | Number of cases.           |
| createNote           | id (Long)<br>user (String)<br>message (String) | note (IvyNote)<br>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)<br>errors (List of WSEExceptions)                                    | Search case by caseId through all applications. |
| findCasesByCriteria     | startIndex (Integer) count (Integer)<br>caseSearchCriteria (CaseSearchCriteria) | ivyCase (List of IvyCase)<br>errors (List of WSEExceptions)                            | Find case by criteria.                          |
| findDocuments           | id (Long)   | documents (List of IvyDocument)<br>errors (List of WSEExceptions)                      | Find document of case.                          |
| findNotes               | id (Long)   | notes (List of IvyNotes)<br>errors (List of WSEExceptions)                             | Search for note by caseId.                      |
| getAdditionalProperties | id (Long)   | additionalProperties (List of IvyAdditionalProperty)<br>errors (List of WSEExceptions) | Get additional properties of case.              |
| removeDocument          | caseId (Long)<br>documentId (Long)  | errors (List of WSEExceptions)   | Remove document of case.                        |
| setAdditionalProperties | caseId (Long)<br>additionalProperties (List of IvyAdditionalProperty)           | errors (List of WSEExceptions)   | Set additional properties for case.             |
| uploadDocument          | caseId (Long)<br>documentName (String)<br>documentContent (Binary)              | document (IvyDocument)<br>errors (List of WSEExceptions)                               | Upload document to case.                        |
| saveCase                | ivyCase (IvyCase)   | errors (List of WSEExceptions)   | Save Ivy Case.                                  |

Table 2.3. Case services

## IsAlive services

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

## Process start services

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

| Web service name | Input parameters   | Output parameters              | Description |
|------------------|--|--------------------------------|-------------|
|                  | language (String)<br>processSearchCriteria (ProcessSearchCriteria) | errors (List of WSEExceptions) |             |

Table 2.5. Process start services

## Security services

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

Table 2.6. Security services

## Server services

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

Table 2.7. Server services

## Sidestep services

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

Table 2.8. Sidestep services

## Supported language services

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

**Table 2.9. Supported language services**

## Task Services

| Web service name         | Input parameters   | Output parameters  | Description   |
|--------------------------|--|--|---|
| analyzeExpiryStatistic   | jsonQuery (String)<br>userName (String)<br>apps (List of String)   | expiryStatistic (ExpiryStatistic)<br>errors (List of WSEExceptions)                          | Get expiry statistic for chart.                     |
| analyzePriorityStatistic | jsonQuery (String)<br>userName (String)<br>apps (List of String)   | priorityStatistic (PriorityStatistic)<br>errors (List of WSEExceptions)                      | Get priority statistic for chart.                   |
| canUserResumeTask        | id (Long)<br>userName (String)   | workerUserName (String)<br>canUserResumeTask (String)<br>errors (List of WSEExceptions)      | Detect user can resume task or not.                 |
| createTaskNote           | user (String)<br>message (String)<br>id (Long)   | ivyNote (IvyNote)<br>errors (List of WSEExceptions)  | Create task note for user.                          |
| countTasksByCriteria     | taskSearchCriteria (TaskSearchCriteria)  | taskCount (Long)<br>errors (List of WSEExceptions)   | Count number of tasks by criteria.                  |
| delegateTask             | isUrlBuiltFromSystemProperties (Boolean)<br>id (Long)<br>ivySecurityMember (IvySecurityMember)                                 | ivyTask (IvyTask)<br>errors (List of WSEExceptions)  | Delegate task found by taskId to ivySecurityMember. |
| findTasksByCriteria      | isUrlBuiltFromSystemProperties (Boolean)<br>startIndex (Integer)<br>count (Integer)<br>taskSearchCriteria (TaskSearchCriteria) | ivyTask (List of IvyTask)<br>allIvyTasks (List of IvyTask)<br>errors (List of WSEExceptions) | Find tasks by criteria.                             |
| findTaskNotes            | id (Long)  | ivyNote (IvyNote)<br>errors (List of WSEExceptions)  | Find task note by id.                               |



| Web service name           | Input parameters  | Output parameters   | Description   |
|----------------------------|---|---|---|
| findCategories             | jsonQuery (String)<br>userName (String)<br>apps (List of String)                  | categories (List of String)<br>errors (List of WSEExceptions) | Find category of tasks that given user can work on.                               |
| findPersonalTaskCategories | jsonQuery (String)<br>userName (String)<br>apps (List of String)                  | categories (List of String)<br>errors (List of WSEExceptions) | Find category of tasks those are responsible by given user.                       |
| findGroupTaskCategories    | jsonQuery (String)<br>userName (String)<br>apps (List of String)                  | categories (List of String)<br>errors (List of WSEExceptions) | Find category of tasks those are responsible by role and given use has this role. |
| parkTask                   | isUrlBuiltFromSystemProperties (Boolean)<br>id (Long)<br>user (String)            | ivyTask (IvyTask)<br>errors (List of WSEExceptions)           | Park found users task by taskId.  |
| resetTask                  | currentUserName (String)<br>isUrlBuiltFromSystemProperties (Boolean)<br>id (Long) | ivyTask (IvyTask)<br>errors (List of WSEExceptions)           | Resets the given task.  |
| save                       | task (IvyTask)  | errors (List of WSEExceptions)                                | Save ivy task.  |

Table 2.10. Task services

## User settings services

| Web service name | Input parameters  | Output parameters   | Description  |
|------------------|---|---|--|
| findUserSetting  | user (String)<br>appName (String)                                 | userSetting (IvyUserSetting)<br>errors (List of WSEExceptions)            | Search for setting for user by username in application.  |
| saveUserSetting  | user (String)<br>userSetting (IvyUserSetting)<br>appName (String) | errors (List of WSEExceptions)  | Saving input IvyUserSetting for user by username in application.                               |
| getEmailSettings | applications (List of String)<br>user (String)                    | settings (List of IvyEmailSetting)<br>errors (List of WSEExceptions)      | Get all settings for all applications contained in input applications parameter.               |
| setEmailSettings | settings (List of IvyEmailSetting)<br>user (String)               | errors (List of WSEExceptions)  | Save input IvyEmailSetting for user settings in application.                                   |
| getSubstitutes   | applications (List of String)<br>user (String)                    | substitutes (List of IvySubstitute)<br>userApplications (List of IvyUser) | Get all substitutes for user in all input list of applications, and all users in applications. |

| Web service name     | Input parameters  | Output parameters   | Description  |
|----------------------|---|---|--|
|                      |   | errors (List of WSEExceptions)  |  |
| setSubstitutes       | username (String)<br>substitutes (List of IvySubstitute)  | errors (List of WSEExceptions)  | Save/update input list of IvySubstitute for user.            |
| getLanguagesSettings | serverId (Long)<br>user (String)<br>apps (List of String) | settings (List of IvyLanguageSetting)<br>errors (List of WSEExceptions) | Get Languages settings for the passed user and applications. |
| setLanguagesSettings | user (String)<br>settings (List of IvyLanguageSetting)    | errors (List of WSEExceptions)  | Save/update languages settings for the passed user.          |

Table 2.11. User settings services

## Web start (Process start and case map) services

| Web service name            | Input parameters   | Output parameters  | Description   |
|-----------------------------|--|--|---|
| findWebStartablesByCriteria | isUrlBuiltFromSystemProperties (Boolean)<br>language (String)<br>webStartableSearchCriteria (WebStartableSearchCriteria) | webStartables (List of IvyWebStartables)<br>errors (List of WSEExceptions) | Search for ivy web start base on languages, criteria. |

Table 2.12. Web start (Process start and case map) services

## Service objects

### Absence

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

Table 2.13. Absence

### ExpiryStatistic

| Name     | Type |
|----------|------|
| in2Days  | Long |
| in3Days  | Long |
| today    | Long |
| tomorrow | Long |

Table 2.14. ExpiryStatistic

## 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                      |

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

**Table 2.20. IvyEmailSetting**

## IvyLanguageSetting

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

**Table 2.21. IvyLanguageSetting**

## IvyNote

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

| Name    | Type   |
|---------|--------|
| message | String |

Table 2.22. IvyNote

## IvyProcessStart

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

Table 2.23. IvyProcessStart

## IvyRole

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

Table 2.24. IvyRole

## IvySecurityMember

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

Table 2.25. IvySecurityMember

## IvySideStep

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

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

**Table 2.26. IvySideStep**

## IvySubstitute

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

**Table 2.27. 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                    |

| Name                       | Type   |
|----------------------------|--------|
| 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 |
| 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   |



| Name                       | Type          |
|----------------------------|---------------|
| 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        |
| 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 2.28. IvyTask**

## IvyUser

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

**Table 2.29. IvyUser**

## IvyUserSetting

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

**Table 2.30.** IvyUserSetting

## IvyWebStartable

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

**Table 2.31.** IvyWebStartable

## NumberOfExpiryTasks

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

**Table 2.32.** NumberOfExpiryTasks

## PriorityStatistic

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

**Table 2.33.** PriorityStatistic

## 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 2.34.** 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      |
| 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             |

| Error code | Error description (user text)   |
|------------|---|
| 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.   |
| 10043      | Unknown error.  |
| 10044      | An error occurred while getting tasks of the case has ID {ID}.  |
| 10045      | An error occurred while saving task.  |

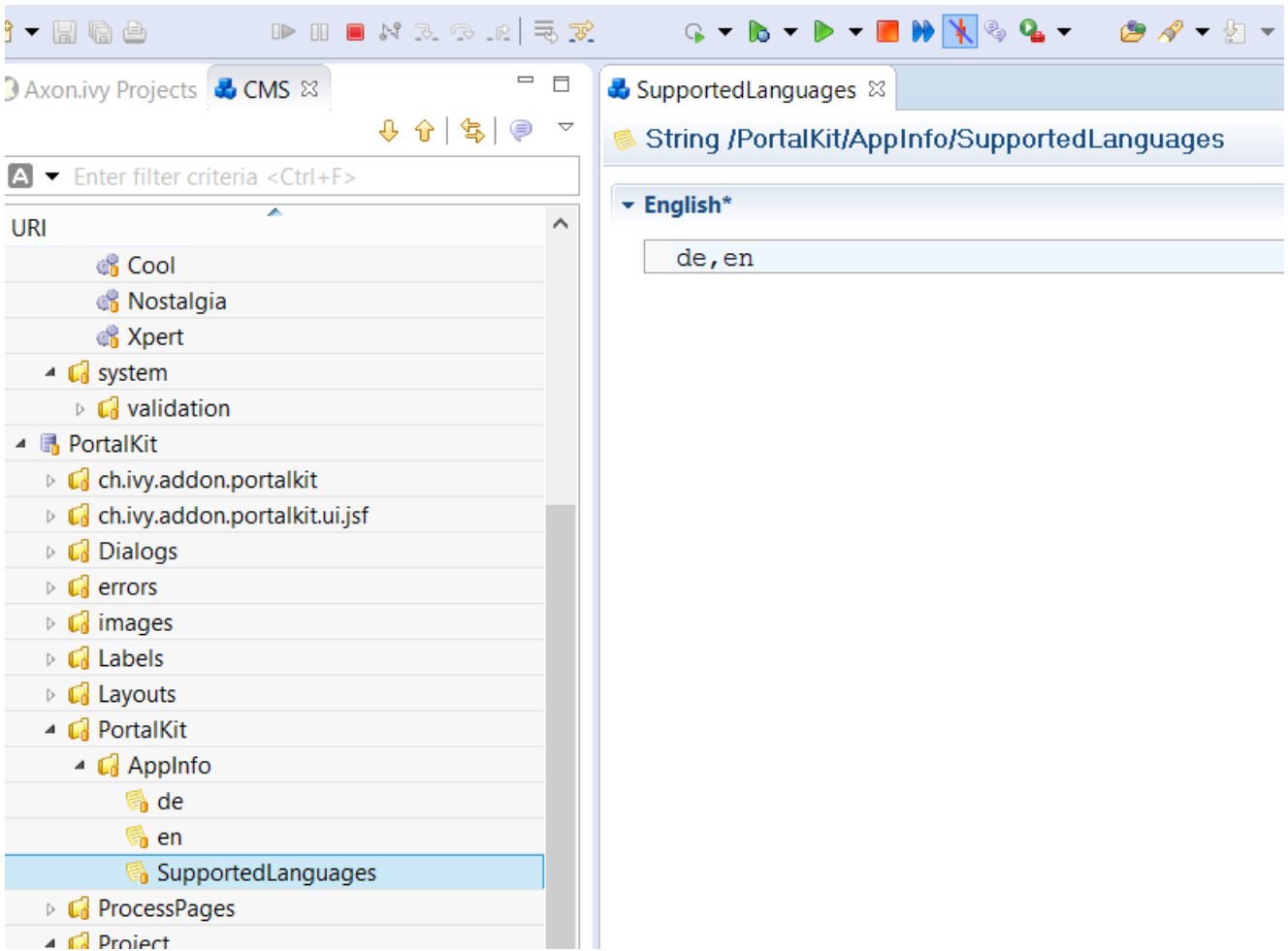
Table 2.35. Error codes

## Application requirements

To have multi languages in portal, key `/AppInfo/SupportedLanguages` must exist in CMS. 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.



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# 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 6.6

- Param: JQuery 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

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# 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 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`)