



Codes and Statuses



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Codes and Statuses Used in IQX

This document collects lookup codes, statuses, display groups, selector requirements, system variables, and related conventions that are not fully represented by database comments or lookup tables.

It complements `README\_Relationship\_Skeleton.md` and the per-table SQL files generated from the SQL Anywhere structure unload.

Display Groups

Questionnaire	Display Group	Meaning
Company	1	Appears ONLY on Questionnaire view
	0	Repeated on Headline (specified as *0)
	-10	Appears at BOTTOM of Accounts / Miscellaneous views
	-11	Appears at TOP of Accounts / Miscellaneous views
	-19	Appears at BOTTOM of Accounts - BUT NOT AT ALL on the Old Style Miscellaneous
	-20	Appears on Company AWR view
	-50	DO NOT USE Pulse #Company only
	-100	Sales Consultant Questionnaire view
	-700	Switchable View 1
	-1700	Switchable View 2
Person	1	Appears ONLY on Questionnaire view
	0	Repeated on Headline (specified as *0)
	-2	Appears in Headline And questionnaire views. Editable by Compliance only
	-10	Appears at BOTTOM of Payroll view
	-11	Appears at TOP of Payroll view
	-12	Appears at TOP of Payroll view. Editable by Accounts only
	-19	Appears in P45 wizard
	-20 to -199	Customer use only



Questionnaire	Display Group	Meaning
	-200 to -290	Various Clearance Views
	-300	Care Recipient Questionnaire and Headline
	-310	Care Recipient Questionnaire only
	-400	CIS 07 view
	-700	Switchable View 1
	-710	Switchable View 2
	-1700	Switchable View 3
	-1710	Switchable View 4
	-1720	Switchable View 5
	-2000	New person wizard only
Placement	-3	Departmental only. Appears at top of questionnaire, editable by accounts only
	-10	Departmental only. Appears second top of questionnaire, editable by manager role only
Vacancy	1	Appear in Questionnaire ONLY.
	0	Appear in Questionnaire AND top section.
	-10	Appears in BOTTOM of Miscellaneous view.
	-20	Appears on Vacancy AWR view
	-50	Appears on Vacancy Web Publish view (of enabled)
	-200	Appears on Vacancy Compliance Questions view. Editable by Compliance only
Applies Widely	>=0	if * specified
	<0	only appears if individually specified (e.g. *-30 for a group or else the tagid of an individual item)
	← -1000	-1000 only appear in search criteria if individually specified in a role - this is for the highly sensitive stuff

Blobstore Class

Code	Type	Meaning of ID
B	Branch Image	AgencyDetailsID or ALLBRANCHES
D	Brand Images	BrandImage.BrandImageID
E	Html Document Images	htmlimage.htmlimageid
G	Global Document	globaldocument.globaldocumentID
I	Invoice PDF	iqacDocument.documentid
J	Photo	Person.PersonID
2	Thumbnail Photo	Person.PersonID
L	Letters	ContactEvent.ContactEventID
M	MergeLetters	MailMerge.MailMergeID
N	Consultant signature JPEG	Staff.StaffID
O	OLE Documents (ie attached documents)	OleDocument.OleDocumentID
P	Payroll Documents (Payslips, P60, P45)	PayrollDocument.PayrollDocumentID



Code	Type	Meaning of ID
R	Reports and jobs, also Report etc Images	Report.ReportID
S	Secure Document for sending by SecureDocumentLink mechanism	SecureDocumentLink.SecureDocumentLinkID
T	CV & Letter Templates	TemplateStore.TemplateID
V	CVs	Person.PersonID
W	Web Reports	WebReport.WebReportID
Z	Compliance Document Stamp or Watermark	-
8	Broadbean CVs	broadbeancandidate.broadbeancandidateid
5	Temporary Stream Storage between jobs	-

OLEDocument OwnerType

Code	Meaning
P	Person
C	Company
V	Vacancy
R	Progress
L	Placement
Q	TagCompliance
TI	Timesheet Image (no ownerid - stored with timesheet) Description MUST be unique for extracting to add to invoices - oledocumentid
TU	Timesheet Unlinked Image. Description will be the unlinked filename
TE	Timesheet Extra Documents.
~	Temporary Document, stored temporarily for opening in viewer or similar reason

DocumentType Class

Class	Meaning
C	Company
G	Web
L	Placement
P	Person
R	Progress
V	Vacancy

TemplateStore TemplateType

Code	Meaning
L	Letter
F	Fax Header
V	CV



Tag Tables TagLocation

Code	Meaning	Meaning of ID field in `TagValue`
A%	Departmental Candidate	PersonID
C	Company	CompanyID
E	Contact	EmploymentID
E%	Departmental Contact	EmploymentID
L	Placement	PlacementID
L%	Departmental Placement	PlacementID
N	General Contact Event	ContactEventID
N%	Departmental Contact Event	ContactEventID
P	General Candidate	PersonID
V	General Vacancy	VacancyID
V%	Departmental Vacancy	VacancyID
U	Staff	StaffID
I	Purchase Account	AccountCode
R%	Reference Departmental	ReferenceRequestID
S	Temp Shift Plan	TempShiftPlanID
S%	DepartmentalTemp Shift Plan	TempShiftPlanID
T	Timesheet	TempTimesheetID or TempProvTimesheetID
T%	Departmental Timesheet	TempTimesheetID or TempProvTimesheetID
X	Agency	AgencyID
JXX	Collections	CollectionID

`XX` indicates the `collection question link field`

`%` indicates the `departmentid`

Tag Tables TagType

Code	Meaning
S	Scored
L	Multiple Selection
-	Heading
M	Single Selection
N	Numeric
G	Graded
T	Text
U	Upper Text
D	Date
Q	Sub-Menu Selection



Person MaritalStatus

Code	Meaning
M	Married
S	Single
D	Divorced
X	Separated
W	Widowed
P	Partnered
E	Engaged

ContactEvent Who

Code	Meaning
A	Candidate
C	Client
B	Both

Phone.Who

Code	Meaning
C	Company
P	Person
CP	Contact
U	Additional staff emails used by EWS

Person.Sex

Code	Meaning
M	Male
F	Female

Return Codes in Validation Functions

For all: empty string indicates validation passed **Note:** NB the string must be entirely empty so NOT `string(char(9),empty string)`

For pre-validation failures format is:

```
string('X','YYYYYYYYYYYYYYYYYYYY',char(9),'Message Text to be displayed in  
dialogue box')
```

where X is:



Code	Record opened
P	Person record to be opened
V	Vacancy record to be opened
L	Placement record to be opened
C	Company record to be opened
E	Employment record to be opened
T	Timesheet record to be opened
I	Invoice/credit note record to be opened

and YYYYYYYYYYYYYYYYYYYY is the ID of the record to be opened To open a record with a specified view insert »VIEWNAME before the char(9)

```
string('X','YYYYYYYYYYYYYYYYYYYY','>>VIEWNAME',char(9),'Message Text to be displayed in dialogue box')
```

Note: ONLY supported in v2.16.10 or later - will cause errors in older versions

For error message without opening a record:

```
string(char(9),'Message Text to be displayed in dialogue box')
```

For warning message without opening a record:

```
string('^',char(9),'Message Text to be displayed in dialogue box')
```

The ^ before the X value means it is a warning and the user is given the choice to continue or cancel.

Return Codes from EmployeeAcceptable

Code	Meaning
NULL	Person Acceptable for this Vacancy
W	Person withheld from this Company
V	Person withheld from this Vacancy
X	Person exclusive to a different Vacancy
C	Person currently permanently employed by Company
R	Person permanently employed by Company within last year

Minimum Table Lists for Reports from Selectors

Selector	Tables
Miscellaneous	None
Person	Person
Company	Company
Contact	Person key join Employment key join Company



Selector	Tables
Vacancy	Vacancy key join Employment key join (Company,Person), Vacancy key join Staff, Vacancy join Status on Vacancy.Status = Status.Status and Status.Type = 'V'
Placement	Placement key join (Staff, Employment key join (Person, Company)), Placement key left outer join (Vacancy key join Employment cemployment key join Person cperson)
Progress	Progress key join (Person, Vacancy key join (Department, Staff, Employment key join (Person cperson, Company))), Progress join Status on Status.Status = Progress.Status and Status.Type = 'R'
ContactEvent	ContactView
Accounts	None
TempDesk	None - but essential parameters (in order): Desk (string) [TempDeskID], WorM (string) [W for weekly period or M for Monthly], Week (number), Year (number), StartDate (date), EndDate (date)
User	Staff

Staff Rights in Staff Table

Field/value	Meaning
Access1	Maint rights: 1 = all, 2 = partial
Access2	Edit rights 0 - None, 1 - Own, 2 - All
Access3	Edit Letters 0 - No 1, Yes
Access4	Accounts 0 - None, 1 - Primary Function, 2 - Yes
Wpletters	create letters
Caneedittemplates = 1	doc templates (needs access1 = 2)
Departmentmaint=1	all depts, 2 selected depts (needs access1 = 2) see department maint table
Empquestmain = 1	contact questionnaire (needs access1 = 2)
Rateschemmaint = 1	temp rate schemes (needs access1 = 2)

Fixed Placement Element Tokens

Token	Meaning
{MANAGER}	The user has Manager Status
{PLACEMENTID}	
{VACANCYID}	
{SALARY}	

IQX System Variables

Name	Data Type	Meaning
UserStaffID	char(20)	contains the StaffID of the logged on User
UniqueRoll	integer	used as a seed by the UniqueKey function
UserAgencyID	char(20)	AgencyBranch.AgencyID of logged on User
HomeCurrency	char(3)	Home Currency of system
DefaultCurrency	char(3)	Default Currency



IQX System Tables

Name	Columns	Meaning
DivisionsAllowed	DivisionID char(20)	Populated on login or if a specific division is selected, with list of divisions user is currently allowed / wishes to view

Stored Selection Type

Code	Meaning	Record required in `StoredSelectionMember`
A	Secondary Agency	CompanyID
C	Company	CompanyID
P	Person	PersonID
S	Company Contact	EmploymentID
V	Vacancy	VacancyID

Report Type

Code	Meaning
AX	Accounts
CC	Company
CP	Company Contact
D	Desktop
E	Contact Event
IMG	Email, Web & Report Images
J	Collection
L	Placement
P	Person
R	Progress
T	Temp Desk
U	User
V	Vacancy
XX	Miscellaneous
XZ	System Jobs & Reports
Z	Compliance

Shift States

State	Meaning
C	Cancelled
P	Provisional
B	Booked
W	Worked
A	Available



State	Meaning
H	Holiday
U	Unavailable

Trigger Order

Usage	Order range
Standard IQX	< 1000
SB	1000-1999
GJW	2000-2499
JB	2500-2999
MHS	3000-3999
Clients	4000 >

iqacJournal XRef Meanings

XRef column	XRefID column contents	Usage
T	TimesheetLineID	TS Line
F	TimesheetLineID	Fixed NI
W	TimesheetLineID	Fixed WTR
I	TimesheetLineID	ERNI Recharge (*per* Timesheet Line)
N	TimesheetID	ERNI Recharge (*per* Timesheet)

iqacDocument XRef Meanings

XRef column	XRefID column contents	Usage
T	TimesheetID	Timesheet
P	PlacementID	Placement
V	VacancyID	Vacancy
D	TempDeskID	Tempdesk

Data Dictionary Areas

DictionaryLocation	Meaning
C	Company
E	Client Contact
P	Person
V	Vacancy
L	Placement
N	Contact Event
I	Care Recipient
U	User



Data Dictionary Tokens

used in Database Item and Complex Expression

Token	Meaning
`<D1>`	the Start Date for a date range - if displayed but left blank by the searcher a default of 1899-12-30 is assumed
`<D2>`	the End Date for a date range - default as `<D1>`
`<SVALUE>`	if specified a text entry box is displayed and the token returns the raw string typed in by the searcher - not typed, escaped or quoted so care required to ensure a valid SQL expression is formed
`<QVALUE>`	a safely quoted version of `<SVALUE>`
`<X1>`	the primary key of the calling record. eg in the case of a search for candidates from a vacancy, the VacancyID. Typed as string so no additional quotes needed
`<EXPRESSION>`	a SQL fragment generated from the Database Item and conditions set by the searcher - if used with an Indexed Text dictionary type it indicated that Indexing Services (ie external) rather than internal text indexes should be used
`<N1>`	the Start Value for a numeric range- if displayed but left blank by the searcher a default of 0 is assumed
`<N2>`	the End Value for a numeric range - default as `<N1>`

The presence of unexpected tokens, such as date tokens in a numeric question, will cause additional data entry fields of that type to be displayed in addition to the automatically included ones related to the question type. This does not apply to `<X1>` or `<EXPRESSION>`, which do not generate their own data entry fields.

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