



pears.CascadeRule



Generated schema reference. Regenerate this page from the SQL unload; keep hand-maintained business notes in the narrative namespace.

Description

Settings determining when Shifts and Vacancies are cascaded to Secondary Agencies.

Columns

Column	Type	Null	Default	Comment
CascadeRuleID	char(20)	NOT NULL		
CompanyID	char(20)	NULL		
VacancyID	char(20)	NULL		
AgencyStoredSelectionID	char(20)	NULL		
CascadeHours	double	NULL		
HoursFrom	char(1)	NULL		E from entry, S from start, X specify time at entry, C from previous cascade (treat as E if Level 0), O Other (use CustomFunction)
CascadeLevel	smallint	NULL	0	0 rule is applied by program to new shifts. >0 by jobs to already cascaded shifts
CustomFunction	char(100)	NULL		
VacancyRule	smallint	NULL	0	0 for shift, 1 for vacancy
WhenEntered	timestamp	NULL		
WhoEntered	char(20)	NULL		

Primary Key

- CascadeRuleID

Foreign Keys

Constraint	Columns	References	Delete/update action
Company	CompanyID	pears.Company (companyid)	ON DELETE CASCADE
Vacancy	VacancyID	pears.vacancy (vacancyid)	ON DELETE CASCADE



Constraint	Columns	References	Delete/update action
StoredSelection	AgencyStoredSelectionID	pears.storedselection (storedselectionid)	

Referenced By

- No incoming foreign keys found.

Indexes

- No indexes found.

Triggers

Name	Timing	Event
CascadeRuleinsert	before	insert order 1

Original SQL

```
-- IQX database structure split by table
-- Source: IQXDatabaseStructure - with comments.sql
-- Table: "pears"."CascadeRule"
-- Table comment: Settings determining when Shifts and Vacancies are
-- cascaded to Secondary Agencies.
-- Statement count: 10
```

```
CREATE TABLE "pears"."CascadeRule" (
  "CascadeRuleID"          CHAR(20) NOT NULL
, "CompanyID"              CHAR(20) NULL
, "VacancyID"              CHAR(20) NULL
, "AgencyStoredSelectionID" CHAR(20) NULL
, "CascadeHours"           DOUBLE NULL
, "HoursFrom"              CHAR(1) NULL
, "CascadeLevel"           SMALLINT NULL DEFAULT 0
, "CustomFunction"         CHAR(100) NULL
, "VacancyRule"            SMALLINT NULL DEFAULT 0
, "WhenEntered"            TIMESTAMP NULL
, "WhoEntered"             CHAR(20) NULL
, PRIMARY KEY ("CascadeRuleID" ASC)
)
GO
```



```
COMMENT ON COLUMN "pears"."CascadeRule"."HoursFrom" IS
'E from entry, S from start, X specify time at entry, C from previous
cascade (treat as E if Level 0), 0 Other (use CustomFunction)'
GO
```

```
COMMENT ON COLUMN "pears"."CascadeRule"."CascadeLevel" IS
'0 rule is applied by program to new shifts. >0 by jobs to already
cascaded shifts'
GO
```

```
COMMENT ON COLUMN "pears"."CascadeRule"."VacancyRule" IS
'0 for shift, 1 for vacancy'
GO
```

```
COMMENT ON TABLE "pears"."CascadeRule" IS
'Settings determining when Shifts and Vacancies are cascaded to
Secondary Agencies.'
GO
```

```
ALTER TABLE "pears"."CascadeRule"
ADD FOREIGN KEY "Company" ("CompanyID" ASC)
REFERENCES "pears"."Company" ("companyid")
ON DELETE CASCADE
GO
```

```
ALTER TABLE "pears"."CascadeRule"
ADD FOREIGN KEY "Vacancy" ("VacancyID" ASC)
REFERENCES "pears"."vacancy" ("vacancyid")
ON DELETE CASCADE
GO
```

```
ALTER TABLE "pears"."CascadeRule"
ADD FOREIGN KEY "StoredSelection" ("AgencyStoredSelectionID" ASC)
REFERENCES "pears"."storedselection" ("storedselectionid")
GO
```

```
CREATE TRIGGER "CascadeRuleinsert" BEFORE INSERT ORDER 1 ON
"pears"."CascadeRule"
REFERENCING NEW AS "new_tsq"
FOR each ROW
BEGIN
```



```
IF "new_tsq"."WhoEntered" IS NULL THEN SET "new_tsq"."WhoEntered" =
"userstaffid" END IF;
SET "new_tsq"."WhenEntered" = CURRENT_TIMESTAMP
exception
WHEN others THEN
SET "new_tsq"."WhoEntered" = NULL
END
GO

COMMENT TO PRESERVE FORMAT ON TRIGGER
"pears"."CascadeRule"."CascadeRuleinsert" IS
{CREATE TRIGGER CascadeRuleinsert
BEFORE INSERT ORDER 1 ON
pears.CascadeRule
REFERENCING NEW AS new_tsq
FOR each ROW
BEGIN
IF new_tsq.WhoEntered IS NULL THEN SET new_tsq.WhoEntered=userstaffid END
IF;
SET new_tsq.WhenEntered=CURRENT_TIMESTAMP
exception
WHEN others THEN
SET new_tsq.WhoEntered=NULL
END
}
GO
```

From:

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