

## Table: ASSOCIACAO

### Fields

Name	Type	Domain	Not Null
ID	INTEGER	RDB\$37	NOT NULL
CNPJ	VARCHAR(16)	RDB\$38	
RAZAO_SOCIAL	VARCHAR(100)	RDB\$39	
NOME_FANTASIA	VARCHAR(20)	RDB\$40	
DIRECAO	VARCHAR(80)	RDB\$41	
CEP	CHAR(8)	RDB\$99	
LOGRADOURO	VARCHAR(100)	RDB\$100	
NUMERO	VARCHAR(10)	RDB\$101	
COMPLEMENTO	VARCHAR(50)	RDB\$102	
BAIRRO	VARCHAR(50)	RDB\$103	
CIDADE	VARCHAR(30)	RDB\$104	
UF	CHAR(2)	RDB\$105	
TPTEL1	VARCHAR(15)	RDB\$106	
TEL1	INTEGER	RDB\$107	
TPTEL2	VARCHAR(15)	RDB\$108	
TEL2	INTEGER	RDB\$109	
TPTEL3	VARCHAR(15)	RDB\$110	
TEL3	INTEGER	RDB\$111	
EMAIL1	VARCHAR(80)	RDB\$112	
EMAIL2	VARCHAR(80)	RDB\$113	
TPIM1	VARCHAR(10)	RDB\$115	
IM1	VARCHAR(80)	RDB\$116	
TPIM2	VARCHAR(10)	RDB\$117	
IM2	VARCHAR(80)	RDB\$118	
SITE	VARCHAR(80)	RDB\$119	
BLOG	VARCHAR(80)	RDB\$120	

### Objects, that depend on table ASSOCIACAO

Name	Type	Field
IBE\$ASSOCIACAO_AD	Trigger	ID
IBE\$ASSOCIACAO_AI	Trigger	ID
IBE\$ASSOCIACAO_AU	Trigger	ID

### Constraints

Constraint Name	Type	On Field
PK_ASSOCIACAO	Primary Key	ID

### Indices

Index Name	On Field	Unique	Active	Sorting
PK_ASSOCIACAO	ID	Yes	Yes	Ascendent e

### Description

## Table: AVALIACAO

### Fields

Name	Type	Domain	Not Null
ID	INTEGER	RDB\$205	
IDESCOLA	INTEGER	RDB\$206	
IDCURSO	INTEGER	RDB\$207	
IDDISCIPLINA	INTEGER	RDB\$208	
IDTURMA	INTEGER	RDB\$209	
PERIODO	CHAR(1)	RDB\$294	
IDBOLSISTA	INTEGER	RDB\$210	
NOTA1	NUMERIC(3,0)	RDB\$211	
NOTA2	NUMERIC(3,0)	RDB\$212	
NOTA3	NUMERIC(3,0)	RDB\$213	
NOTA4	NUMERIC(3,0)	RDB\$214	
MEDIA	NUMERIC(3,0)	RDB\$215	
SITUACAO	CHAR(10)	RDB\$216	

### Objects, that depend on table AVALIACAO

Name	Type	Field
AVALIACAO_BI	Trigger	ID
CONCEDERBOLSA	Procedure	IDBOLSISTA
CONCEDERBOLSA	Procedure	IDCURSO
CONCEDERBOLSA	Procedure	IDDISCIPLINA
CONCEDERBOLSA	Procedure	IDESCOLA
CONCEDERBOLSA	Procedure	IDTURMA
CONCEDERBOLSA	Procedure	PERIODO
CONCEDERBOLSA	Procedure	

### Description

## Table: BOLSISTA

### Fields

Name	Type	Domain	Not Null
ID_BOLSISTA	INTEGER	RDB\$219	NOT NULL
ORIGEM	INTEGER	RDB\$220	
DESTINO	INTEGER	RDB\$221	
MATRICULA	INTEGER	RDB\$222	
CPF	VARCHAR(12)	RDB\$223	
NOME	VARCHAR(80)	RDB\$224	
DATA_NASCIMENTO	DATE	RDB\$225	
NOME_PAI	VARCHAR(80)	RDB\$226	
NOME_MAE	VARCHAR(80)	RDB\$227	
RESPONSAVEL_LEGAL	VARCHAR(80)	RDB\$228	
SITUACAO	VARCHAR(15)	RDB\$229	
CEP	CHAR(8)	RDB\$230	
LOGRADOURO	VARCHAR(100)	RDB\$231	
NUMERO	VARCHAR(10)	RDB\$232	
COMPLEMENTO	VARCHAR(50)	RDB\$233	
BAIRRO	VARCHAR(50)	RDB\$234	
CIDADE	VARCHAR(30)	RDB\$235	
UF	CHAR(2)	RDB\$236	
TPTEL1	VARCHAR(15)	RDB\$237	
TEL1	BIGINT	RDB\$238	
TPTEL2	VARCHAR(15)	RDB\$239	
TEL2	BIGINT	RDB\$240	
TPTEL3	VARCHAR(15)	RDB\$241	
TEL3	BIGINT	RDB\$242	
EMAIL1	VARCHAR(80)	RDB\$243	
EMAIL2	VARCHAR(80)	RDB\$244	
TPIM1	VARCHAR(10)	RDB\$245	
IM1	VARCHAR(80)	RDB\$246	
TPIM2	VARCHAR(10)	RDB\$247	
IM2	VARCHAR(80)	RDB\$248	
SITE	VARCHAR(80)	RDB\$249	
BLOG	VARCHAR(80)	RDB\$250	
CADASTRO	TIMESTAMP	RDB\$251	
OBSERVAC	BLOB SUB_TYPE 0 SEGMENT SIZE 80	RDB\$252	

### Objects, that depend on table BOLSISTA

Name	Type	Field
BOLSISTA_BI	Trigger	ID_BOLSISTA
CONCEDERBOLSA	Procedure	ID_BOLSISTA
CONCEDERBOLSA	Procedure	

### Constraints

Constraint Name	Type	On Field
PK_BOLSISTA	Primary Key	ID_BOLSISTA

### Indices

Index Name	On Field	Unique	Active	Sorting
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Date / Time: **02 dezembro 2008**  
Database: **C:\SYSVENCER.FDB**

User: **SYSDBA**  
Table: **BOLSISTA**

PK_BOLSISTA	ID_BOLSISTA	Yes	Yes	Ascendente
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## Description

## Table: CURSOS

### Fields

Name	Type	Domain	Not Null
ID_CURSOS	INTEGER	RDB\$186	NOT NULL
ID_ESCOLA	INTEGER	RDB\$187	NOT NULL
CURSOS	VARCHAR(80)	RDB\$188	

### Objects, that depend on table CURSOS

Name	Type	Field
CURSOS_BI	Trigger	ID_CURSOS
CONCEDERBOLSA	Procedure	ID_CURSOS
CONCEDERBOLSA	Procedure	ID_ESCOLA
CONCEDERBOLSA	Procedure	

### Constraints

Constraint Name	Type	On Field
PK_CURSOS	Primary Key	ID_CURSOS
FK_CURSOESCOLA	Foreign Key	ID_ESCOLA
<b>FK Table:</b> ESCOLAS	<b>FK Field:</b> ID_ESCOLA	
<b>Update Rule:</b> NO ACTION	<b>Delete Rule:</b> NO ACTION	

### Indices

Index Name	On Field	Unique	Active	Sorting
FK_CURSOESCOLA	ID_ESCOLA		Yes	Ascendente
PK_CURSOS	ID_CURSOS	Yes	Yes	Ascendente

### Description

## Table: DISCIPLINAS

### Fields

Name	Type	Domain	Not Null
ID_DISCIPLINA	INTEGER	RDB\$189	NOT NULL
ID_CURSO	INTEGER	RDB\$191	NOT NULL
DESCRICAO	VARCHAR(80)	RDB\$192	
CARGAHORARIA	INTEGER	RDB\$193	
EMENTA	VARCHAR(50)	RDB\$194	

### Objects, that depend on table DISCIPLINAS

Name	Type	Field
DISCIPLINAS_BI	Trigger	ID_DISCIPLINA
CONCEDERBOLSA	Procedure	ID_CURSO
CONCEDERBOLSA	Procedure	ID_DISCIPLINA
CONCEDERBOLSA	Procedure	

### Constraints

Constraint Name	Type	On Field
PK_DISCIPLINAS	Primary Key	ID_DISCIPLINA
FK_DISCIPLINASCURSOS	Foreign Key	ID_CURSO
<b>FK Table:</b> CURSOS	<b>FK Field:</b> ID_CURSOS	
<b>Update Rule:</b> NO ACTION	<b>Delete Rule:</b> NO ACTION	

### Indices

Index Name	On Field	Unique	Active	Sorting
FK_DISCIPLINASCURSOS	ID_CURSO		Yes	Ascendente
PK_DISCIPLINAS	ID_DISCIPLINA	Yes	Yes	Ascendente

### Description

## Table: ESCOLAS

### Fields

Name	Type	Domain	Not Null
ID_ESCOLA	INTEGER	RDB\$121	NOT NULL
<b>Description:</b> Código da Escola			
CNPJ	VARCHAR(16)	RDB\$122	
RAZAO_SOCIAL	VARCHAR(100)	RDB\$123	
NOME_FANTASIA	VARCHAR(50)	RDB\$124	
DIRECAO	VARCHAR(50)	RDB\$125	
COORDENACAO	VARCHAR(50)	RDB\$126	
ADJUNTA	VARCHAR(50)	RDB\$127	
STATUS	CHAR(1)	RDB\$128	
CEP	CHAR(8)	RDB\$129	
LOGRADOURO	VARCHAR(100)	RDB\$130	
NUMERO	VARCHAR(10)	RDB\$131	
COMPLEMENTO	VARCHAR(50)	RDB\$132	
BAIRRO	VARCHAR(50)	RDB\$133	
CIDADE	VARCHAR(30)	RDB\$134	
UF	CHAR(2)	RDB\$135	
TPTEL1	VARCHAR(15)	RDB\$136	
TEL1	BIGINT	RDB\$137	
TPTEL2	VARCHAR(15)	RDB\$138	
TEL2	BIGINT	RDB\$139	
TPTEL3	VARCHAR(15)	RDB\$140	
TEL3	BIGINT	RDB\$141	
EMAIL1	VARCHAR(80)	RDB\$142	
EMAIL2	VARCHAR(80)	RDB\$143	
TPIM1	VARCHAR(10)	RDB\$144	
IM1	VARCHAR(80)	RDB\$145	
TPIM2	VARCHAR(10)	RDB\$146	
IM2	VARCHAR(80)	RDB\$147	
SITE	VARCHAR(80)	RDB\$148	
BLOG	VARCHAR(80)	RDB\$149	
CADASTRO	TIMESTAMP	RDB\$150	
OBSERVACAO	BLOB SUB_TYPE 0 SEGMENT SIZE 80	RDB\$151	
MEDIA	NUMERIC(4,0)	RDB\$293	

### Objects, that depend on table ESCOLAS

Name	Type	Field
ESCOLAS_BI	Trigger	ID_ESCOLA
CONCEDERBOLSA	Procedure	ID_ESCOLA
CONCEDERBOLSA	Procedure	

### Constraints

Constraint Name	Type	On Field
PK_ESCOLAS	Primary Key	ID_ESCOLA

### Indices

Index Name	On Field	Unique	Active	Sorting
PK_ESCOLAS	ID_ESCOLA	Yes	Yes	Ascend e

## Description

Cadastro das Escolas Parceiras e Credenciadas



## Table: SEG\_APLICACOES

### Fields

Name	Type	Domain	Not Null
APLICACAOID	VARCHAR(32)	RDB\$87	NOT NULL
DESCRICAO	VARCHAR(255)	RDB\$88	

### Constraints

Constraint Name	Type	On Field
PK_SEG_APLICACOES	Primary Key	APLICACAOID

### Indices

Index Name	On Field	Unique	Active	Sorting
PK_SEG_APLICACOES	APLICACAOID	Yes	Yes	Ascendente

### Description

## Table: SEG\_GRUPOS

### Fields

Name	Type	Domain	Not Null
GRUPOID	INTEGER	RDB\$89	NOT NULL
DESCRICAO	VARCHAR(255)	RDB\$90	

### Constraints

Constraint Name	Type	On Field
PK_SEG_GRUPOS	Primary Key	GRUPOID

### Indices

Index Name	On Field	Unique	Active	Sorting
PK_SEG_GRUPOS	GRUPOID	Yes	Yes	Ascendente

### Description

## Table: SEG\_GRUPOS\_APLICACOES

### Fields

Name	Type	Domain	Not Null
GRUPOID	INTEGER	RDB\$91	
APLICACAOID	VARCHAR(32)	RDB\$92	

### Constraints

Constraint Name	Type	On Field
FK_SEG_GRUPOS_APLICACOES_1	Foreign Key	GRUPOID
<b>FK Table:</b> SEG_GRUPOS	<b>FK Field:</b> GRUPOID	
<b>Update Rule:</b> NO ACTION	<b>Delete Rule:</b> NO ACTION	
FK_SEG_GRUPOS_APLICACOES_2	Foreign Key	APLICACAOID
<b>FK Table:</b> SEG_APLICACOES	<b>FK Field:</b> APLICACAOID	
<b>Update Rule:</b> NO ACTION	<b>Delete Rule:</b> NO ACTION	

### Indices

Index Name	On Field	Unique	Active	Sorting
FK_SEG_GRUPOS_APLICACOES_1	GRUPOID		Yes	Ascendente
FK_SEG_GRUPOS_APLICACOES_2	APLICACAOID		Yes	Ascendente

### Description

## Table: SEG\_USUARIOS

### Fields

Name	Type	Domain	Not Null
USUARIOID	VARCHAR(12)	RDB\$93	NOT NULL
NOME_USUARIO	VARCHAR(48)	RDB\$94	
SENHA	VARCHAR(30)	RDB\$95	
NIVEL	INTEGER	RDB\$96	

### Constraints

Constraint Name	Type	On Field
PK_SEG_USUARIOS	Primary Key	USUARIOID

### Indices

Index Name	On Field	Unique	Active	Sorting
PK_SEG_USUARIOS	USUARIOID	Yes	Yes	Ascendent e

### Description

## Table: SEG\_USUARIOS\_GRUPOS

### Fields

Name	Type	Domain	Not Null
USUARIOID	VARCHAR(12)	RDB\$97	
GRUPOID	INTEGER	RDB\$98	

### Constraints

Constraint Name	Type	On Field
FK_SEG_USUARIOS_GRUPOS_1	Foreign Key	USUARIOID
<b>FK Table:</b> SEG_USUARIOS	<b>FK Field:</b> USUARIOID	
<b>Update Rule:</b> NO ACTION	<b>Delete Rule:</b> NO ACTION	
FK_SEG_USUARIOS_GRUPOS_2	Foreign Key	GRUPOID
<b>FK Table:</b> SEG_GRUPOS	<b>FK Field:</b> GRUPOID	
<b>Update Rule:</b> NO ACTION	<b>Delete Rule:</b> NO ACTION	

### Indices

Index Name	On Field	Unique	Active	Sorting
FK_SEG_USUARIOS_GRUPOS_1	USUARIOID		Yes	Ascendente
FK_SEG_USUARIOS_GRUPOS_2	GRUPOID		Yes	Ascendente

### Description

## Table: TURMAS

### Fields

Name	Type	Domain	Not Null
ID_TURMA	INTEGER	RDB\$195	NOT NULL
IDDISCIPLINA	INTEGER	RDB\$198	NOT NULL
ANO	VARCHAR(4)	RDB\$199	
PERIODO	CHAR(1)	RDB\$200	

### Objects, that depend on table TURMAS

Name	Type	Field
TURMAS_BI	Trigger	ID_TURMA
CONCEDERBOLSA	Procedure	ANO
CONCEDERBOLSA	Procedure	IDDISCIPLINA
CONCEDERBOLSA	Procedure	ID_TURMA
CONCEDERBOLSA	Procedure	PERIODO
CONCEDERBOLSA	Procedure	

### Constraints

Constraint Name	Type	On Field
PK_TURMAS	Primary Key	ID_TURMA
FK_TURMASDISCIPLINAS	Foreign Key	IDDISCIPLINA
<b>FK Table:</b> DISCIPLINAS	<b>FK Field:</b> ID_DISCIPLINA	
<b>Update Rule:</b> NO ACTION	<b>Delete Rule:</b> NO ACTION	

### Indices

Index Name	On Field	Unique	Active	Sorting
FK_TURMASDISCIPLINAS	IDDISCIPLINA		Yes	Ascendente
PK_TURMAS	ID_TURMA	Yes	Yes	Ascendente

### Description

## Procedure: CONCEDERBOLSA

### DDL

```
CREATE PROCEDURE CONCEDERBOLSA(
  BOLSIST INTEGER,
  CURS INTEGER,
  TURM VARCHAR(10))
AS
declare variable escola integer;
declare variable curso integer;
declare variable disciplina integer;
declare variable turma integer;
declare variable periodo char(1);
declare variable bolsistas integer;
begin
  for
    select escolas.id_escola, cursos.id_cursos, disciplinas.id_disciplina,
    from turmas
      inner join disciplinas on (turmas.iddisciplina = disciplinas.id_disciplina)
      inner join cursos on (disciplinas.id_curso = cursos.id_cursos)
      inner join escolas on (cursos.id_escola = escolas.id_escola),
      bolsista
    where disciplinas.id_curso = :kurs
      and turmas.ano like :turm
      and bolsista.id_bolsista = :bolsist
    into :escola, :curso, :disciplina, :turma, :periodo, :bolsistas
  do
    insert into AVALIACAO (IDESCOLA, IDCURSO, IDDISCIPLINA, IDTURMA, PERIODO,
    values (:escola, :curso, :disciplina, :turma, :periodo, :bolsistas);

  suspend;
end
```

### Objects, that procedure CONCEDERBOLSA depends on

Dependent	Field	Type
TURMAS	ANO	Table
AVALIACAO	IDBOLSISTA	Table
AVALIACAO	IDCURSO	Table
TURMAS	IDDISCIPLINA	Table
AVALIACAO	IDDISCIPLINA	Table
AVALIACAO	IDESCOLA	Table
AVALIACAO	IDTURMA	Table
BOLSISTA	ID_BOLSISTA	Table
DISCIPLINAS	ID_CURSO	Table
CURSOS	ID_CURSOS	Table
DISCIPLINAS	ID_DISCIPLINA	Table
ESCOLAS	ID_ESCOLA	Table
CURSOS	ID_ESCOLA	Table
TURMAS	ID_TURMA	Table
TURMAS	PERIODO	Table
AVALIACAO	PERIODO	Table

### Description

(None)

## Trigger: AVALIACAO\_BI

### DDL

```
CREATE TRIGGER AVALIACAO BI FOR AVALIACAO  
ACTIVE BEFORE INSERT POSITION 0  
AS  
BEGIN  
    IF (NEW.ID IS NULL) THEN  
        NEW.ID = GEN_ID(GEN AVALIACAO ID,1) ;  
    END
```

### Description

(None)



## Trigger: BOLSISTA\_BI

### DDL

```
CREATE TRIGGER BOLSISTA_BI FOR BOLSISTA
ACTIVE BEFORE INSERT POSITION 0
AS
BEGIN
    IF (NEW.ID_BOLSISTA IS NULL) THEN
        NEW.ID_BOLSISTA = GEN_ID(GEN BOLSISTA ID,1);
END
```

### Description

(None)

## Trigger: CURSOS\_BI

### DDL

```
CREATE TRIGGER CURSOS_BI FOR CURSOS
ACTIVE BEFORE INSERT POSITION 0
AS
BEGIN
    IF (NEW.ID_CURSOS IS NULL) THEN
        NEW.ID_CURSOS = GEN_ID(GEN CURSOS ID,1);
    END
```

### Description

(None)

## Trigger: DISCIPLINAS\_BI

### DDL

```
CREATE TRIGGER DISCIPLINAS_BI FOR DISCIPLINAS  
ACTIVE BEFORE INSERT POSITION 0  
AS  
BEGIN  
    IF (NEW.ID_DISCIPLINA IS NULL) THEN  
        NEW.ID_DISCIPLINA = GEN_ID(GEN DISCIPLINAS ID,1) ;  
    END
```

### Description

(None)

## Trigger: ESCOLAS\_BI

### DDL

```
CREATE TRIGGER ESCOLAS_BI FOR ESCOLAS
ACTIVE BEFORE INSERT POSITION 0
AS
BEGIN
    IF (NEW.ID_ESCOLA IS NULL) THEN
        NEW.ID_ESCOLA = GEN_ID(GEN ESCOLAS ID,1);
    END
```

### Description

Dispara o gerador de código para entidade Escola

## Trigger: TURMAS\_BI

### DDL

```
CREATE TRIGGER TURMAS BI FOR TURMAS  
ACTIVE BEFORE INSERT POSITION 0  
AS  
BEGIN  
    IF (NEW.ID_TURMA IS NULL) THEN  
        NEW.ID_TURMA = GEN_ID(GEN TURMAS ID,1);  
    END
```

### Description

(None)

## Exception: TIPO\_LOGRADOURO\_NAO\_EXCLUIR

### DDL

```
CREATE EXCEPTION TIPO LOGRADOURO NAO EXCLUIR 'Não é possível excluir esse tipo de endereço, pois existem endereços associado'
```

### Description