



Universidade Federal do Rio de Janeiro

Instituto de Computação

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**MAB602: Data Warehousing no Suporte à Tomada de Decisão
2021/1 Prova Individual**

Prova: A

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Questão 1

Para a coleta de dados foi utilizado o programa Knime, dentro desse programa foi utilizado um *node* chamado de *Unzip File (legacy)*. Para cada ano foi preciso fazer um *Unzip* diferente. O ano de 2019 os dados foram retirados do GitHub, porque na hora do *download* direto o Knime estava dando erro. (https://github.com/douglasvsa/trabalho_dw_enade/raw/main/dw_enade.zip) já os dados de 2018 e 2017 foram direto do link do site do ENADE, (https://download.inep.gov.br/microdados/Enade_Microdados/microdados_enade_2018.zip), os dados de 2017, foi criada uma pasta 2017 dentro do *workflow* para os dados ficarem mais organizados. Cada (https://download.inep.gov.br/microdados/Enade_Microdados/microdados_Enade_2017_portal_2018.10.09.zip). Os dados foram importados para uma pasta dentro de um *WorkSpace* do Knime. Dentro desses dados estão todos os dados relacionados ao ENADE pertinente de cada ano, sendo o de 2017 o que tem mais dados seguido pelo 2019 e por fim o de 2018. Nesses dados contém algumas informações como: código da instituição, UF, Município e por ai vai...

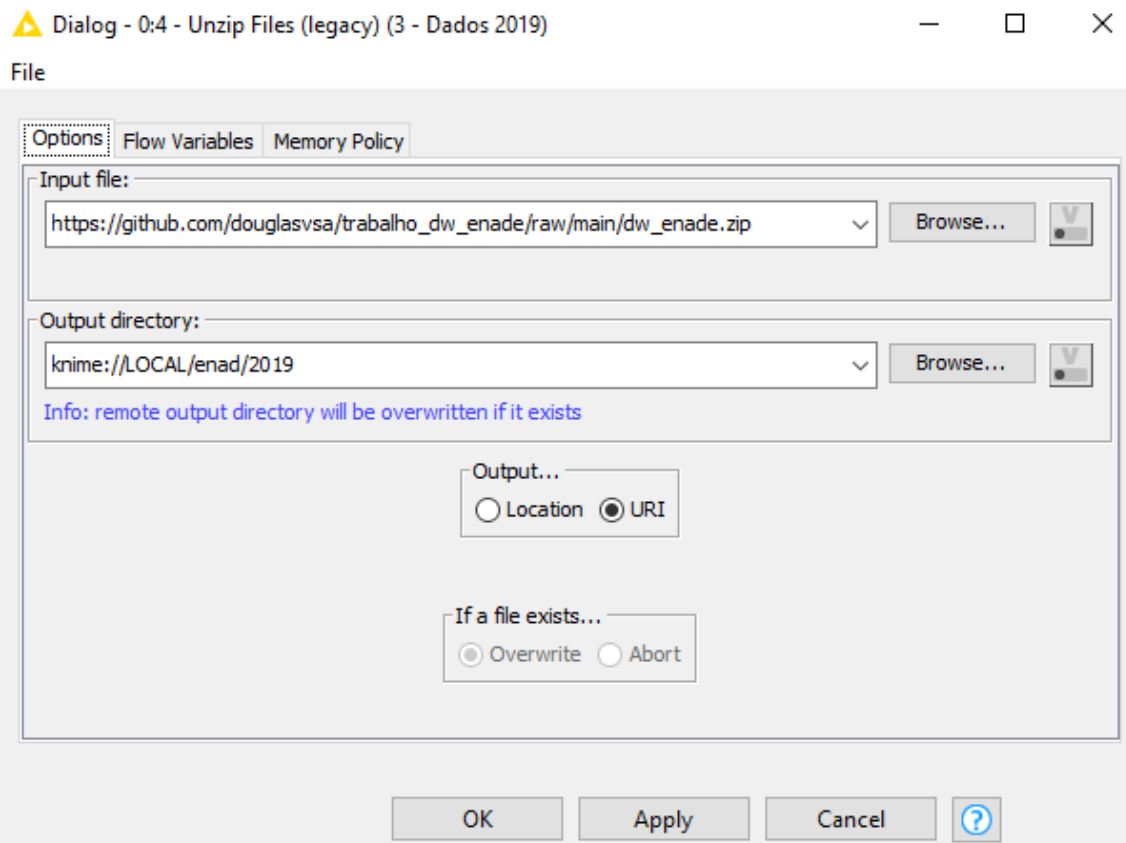


Figura 1
Unzip dos Dados ENADE 2019

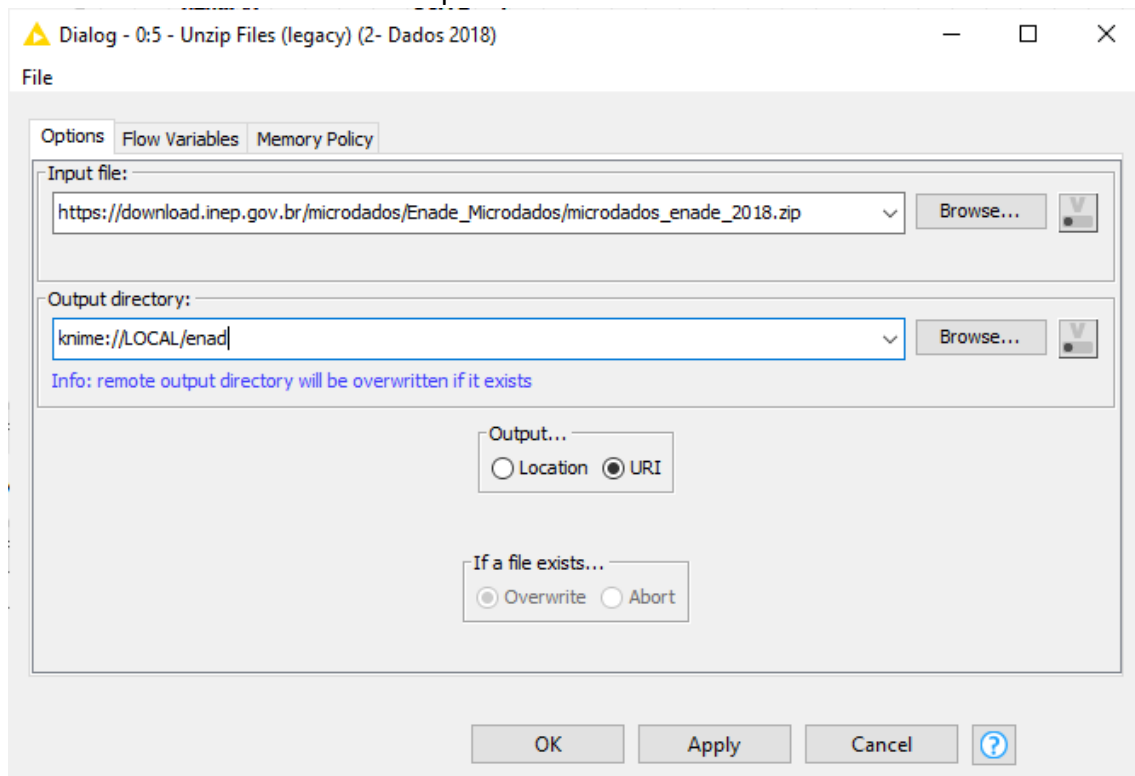


Figura 2
Unzip dos Dados ENADE 2018

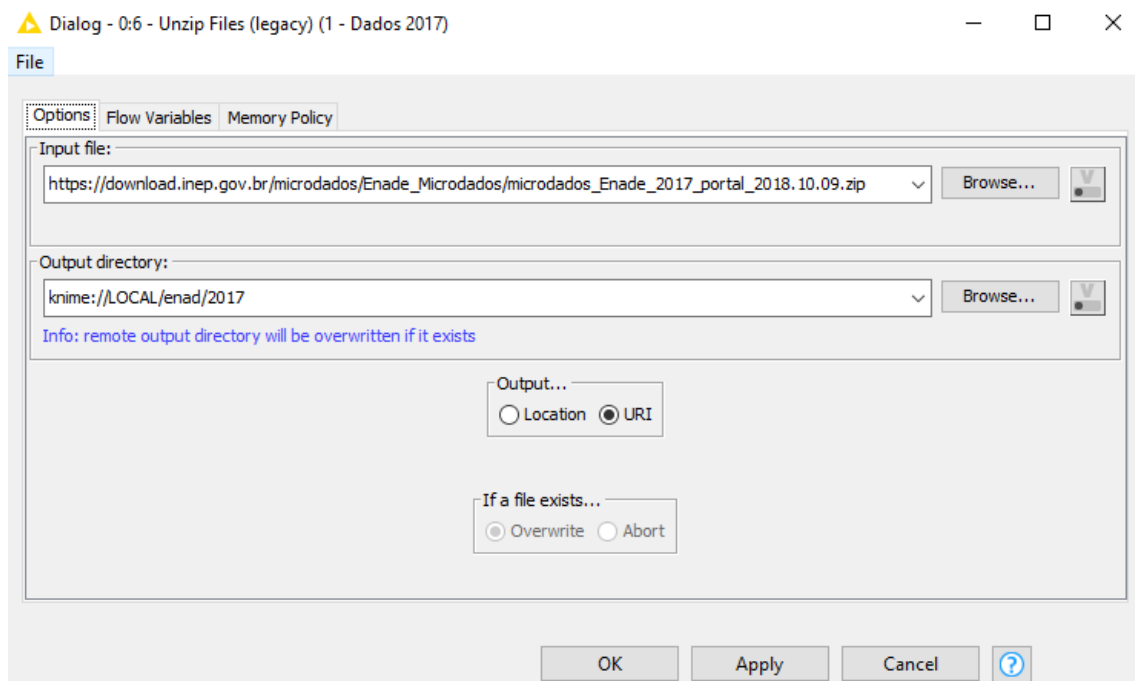


Figura 2
Unzip dos Dados ENADE 2017

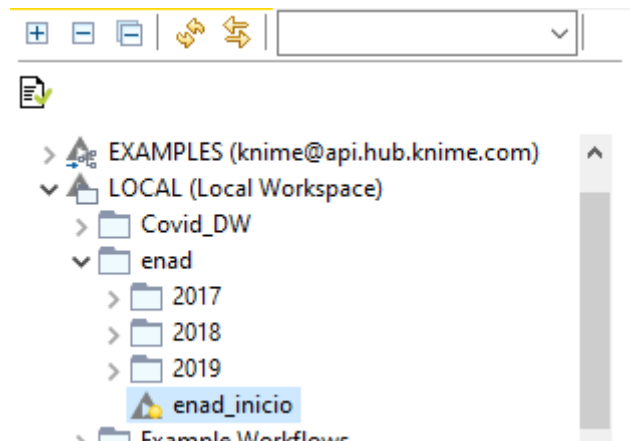


Figura 4
Pastas da importação depois do *Unzip*

Questão 2

O modelo estrela foi feito através de um *site* (<https://dbdiagram.io/d>). Foram criadas 10 dimensões mais a tabela fato. Mostrada abaixo:

//// -- Tables and References

```
Table TBInstituicao{
  ID_Instituicao int [pk, increment, unique] // auto-increment
  Cod_Categoria int
  Cod_OrganizacaoAcademica int
  Cod_AreaDoCurso int
  Cod_Curso int
  Cod_Modalidade boolean
}
```

```
Table TBEstudante{
  ID_Estudante int [pk, increment, unique] // auto-increment
  NR_Idade INT
  DS_Sexo varchar(100)
  AnoConclusaoEnsinoMedio INT
  AnoInicioGraduacao INT
  DS_Turno varchar(100)
  B_InscricaoAdm boolean
  B_Concluente boolean
}
```

```
Table TBTipoPresenca{
  ID_TipoPresenca int [pk, increment, unique] // auto-increment
  Cod_Enade int
  Cod_Prova int
  Cod_ObjativaGeral INT
  Cod_DiscursivaGeral INT
}
```

```
Cod_ObjativaEspecifico INT
Cod_DiscursivaEspecifico INT
}
```

```
Table TBNota{
  ID_Nota INT [pk, increment, unique] // auto-increment
  NR_BrutaProva decimal
  NR_BrutaGeral decimal
  NR_BrutaObjetivaGeral decimal
  NR_BrutaDiscursivaGeral decimal
  NR_Q1_Geral decimal
  NR_LP_Q1_DiscursivaGeral decimal
  NR_Conteudo_Q1_DiscursivaGeral decimal
  NR_Q2_Geral decimal
  NR_LP_Q2_DiscursivaGeral decimal
  NR_Conteudo_Q2_DiscursivaGeral decimal
  NR_BrutaComponenteEspecifico decimal
  NR_BrutaObjetivaEspecifico decimal
  NR_BrutaDiscursivaEspecifico decimal
  NR_Q1_DiscursivaEspecifico decimal
  NR_Q2_DiscursivaEspecifico decimal
  NR_Q3_DiscursivaEspecifico decimal
}
```

```
Table QuestionarioProva{
  ID_QuestionarioProva INT [pk, increment, unique] // auto-increment
  RS_I1 varchar(1)
  RS_I2 varchar(1)
  RS_I3 varchar(1)
  RS_I4 varchar(1)
  RS_I5 varchar(1)
  RS_I6 varchar(1)
  RS_I7 varchar(1)
  RS_I8 varchar(1)
  RS_I9 varchar(1)
}
```

```
Table TBUF{
  ID_UF INT [pk, increment, unique] // auto-increment
  DS_UF varchar(3)
}
```

```
Table QuestionarioEstudante{
  ID_QuestionarioEstudante INT [pk, increment, unique] // auto-increment
  QE_I01 varchar(1)
  QE_I02 varchar(1)
}
```

```

QE_I03 varchar(1)
QE_I04 varchar(1)
QE_I05 varchar(1)
QE_I06 varchar(1)
QE_I07 varchar(1)
QE_I08 varchar(1)
QE_I09 varchar(1)
QE_I10 varchar(1)
QE_I11 varchar(1)
QE_I12 varchar(1)
QE_I13 varchar(1)
QE_I14 varchar(1)
QE_I15 varchar(1)
QE_I16 varchar(1)
QE_I17 varchar(1)
QE_I18 varchar(1)
QE_I19 varchar(1)
QE_I20 varchar(1)
QE_I21 varchar(1)
QE_I22 varchar(1)
QE_I23 varchar(1)
QE_I24 varchar(1)
QE_I25 varchar(1)
QE_I26 varchar(1)
}

```

```

Table TBMunicipio {
  ID_Municipio int [pk, increment, unique]
  DS_Nome varchar(200)
  Cod_Municipio INT [unique]
}

```

```

Table TBRegiao {
  ID_Regiao int [pk, increment, unique]
  DS_Nome varchar(200)
}

```

```

Table TBGrauConcordanciaAluno{
  ID_GrauConcordanciaAluno int [pk, increment, unique]
  QE_I27 INT
  QE_I28 INT
  QE_I29 INT
  QE_I30 INT
  QE_I31 INT
  QE_I32 INT
  QE_I33 INT
  QE_I34 INT
  QE_I35 INT
}

```

```
QE_I36 INT
QE_I37 INT
QE_I38 INT
QE_I39 INT
QE_I40 INT
QE_I41 INT
QE_I42 INT
QE_I43 INT
QE_I44 INT
QE_I45 INT
QE_I46 INT
QE_I47 INT
QE_I48 INT
QE_I49 INT
QE_I50 INT
QE_I51 INT
QE_I52 INT
QE_I53 INT
QE_I54 INT
QE_I55 INT
QE_I56 INT
QE_I57 INT
QE_I58 INT
QE_I59 INT
QE_I60 INT
QE_I61 INT
QE_I62 INT
QE_I63 INT
QE_I64 INT
QE_I65 INT
QE_I66 INT
QE_I67 INT
QE_I68 INT
}
```

```
Table Dados{
  ID_Dados INT [pk, increment, unique] // auto-increment
  NR_Ano INT
  FK_SQ_Instituicao INT
  FK_SQ_Municipio INT
  FK_SQ_UF INT
  FK_SQ_Regiao INT
  FK_SQ_TipoPresenca INT
  FK_SQ_Estudante INT
  FK_SQ_Nota INT
  FK_SQ_QuestionarioProva INT
}
```

```

FK_SQ_QuestionarioEstudante INT
FK_SQ_GrauConcordanciaAluno INT
}

```

```

Ref: "Dados"."FK_SQ_Instituicao" - "TBInstituicao"."ID_Instituicao"
Ref: "TBRegiao"."ID_Regiao" < "Dados"."FK_SQ_Regiao"
Ref: "TBMunicipio"."ID_Municipio" < "Dados"."FK_SQ_Municipio"
Ref: "TBTipoPresenca"."ID_TipoPresenca" < "Dados"."FK_SQ_TipoPresenca"
Ref: "TBEstudante"."ID_Estudante" < "Dados"."FK_SQ_Estudante"
Ref: "TBNota"."ID_Nota" < "Dados"."FK_SQ_Nota"
Ref: "QuestionarioEstudante"."ID_QuestionarioEstudante" <
"Dados"."FK_SQ_QuestionarioEstudante"
Ref: "QuestionarioProva"."ID_QuestionarioProva" <
"Dados"."FK_SQ_QuestionarioProva"
Ref: "Dados"."FK_SQ_GrauConcordanciaAluno" -
"TBGrauConcordanciaAluno"."ID_GrauConcordanciaAluno"
Ref: "Dados"."FK_SQ_UF" - "TBUF"."ID_UF"

```

Questão 3

Foi criada uma base de dados MySQL 5.7 no Google Cloud para mais fácil manipulação dos dados.

-- Esse passo foi criado porque por várias vezes o banco foi destruído
DROP DATABASE jonyanimal;

--criando o database
CREATE DATABASE IF NOT EXISTS jonyanimal;

--Usando o database
USE jonyanimal;

-- estrutura do banco
create table if not exists QuestionarioEstudante
(

```

    ID_QuestionarioEstudante int auto_increment,
    QE_I01 varchar(1) null,
    QE_I02 varchar(1) null,
    QE_I03 varchar(1) null,
    QE_I04 varchar(1) null,
    QE_I05 varchar(1) null,
    QE_I06 varchar(1) null,
    QE_I07 varchar(1) null,
    QE_I08 varchar(1) null,
    QE_I09 varchar(1) null,
    QE_I10 varchar(1) null,
    QE_I11 varchar(1) null,
    QE_I12 varchar(1) null,

```

```

        QE_I13 varchar(1) null,
        QE_I14 varchar(1) null,
        QE_I15 varchar(1) null,
        QE_I16 int null,
        QE_I17 varchar(1) null,
        QE_I18 varchar(1) null,
        QE_I19 varchar(1) null,
        QE_I20 varchar(1) null,
        QE_I21 varchar(1) null,
        QE_I22 varchar(1) null,
        QE_I23 varchar(1) null,
        QE_I24 varchar(1) null,
        QE_I25 varchar(1) null,
        QE_I26 varchar(1) null,
        constraint ID_QuestionarioEstudante
            unique (ID_QuestionarioEstudante)
    );

```

```

alter table QuestionarioEstudante
    add primary key (ID_QuestionarioEstudante);

```

```

create table if not exists QuestionarioProva
(
    ID_QuestionarioProva int auto_increment,
    RS_I1 varchar(1) null,
    RS_I2 varchar(1) null,
    RS_I3 varchar(1) null,
    RS_I4 varchar(1) null,
    RS_I5 varchar(1) null,
    RS_I6 varchar(1) null,
    RS_I7 varchar(1) null,
    RS_I8 varchar(1) null,
    RS_I9 varchar(1) null,
    constraint ID_QuestionarioProva
        unique (ID_QuestionarioProva)
);

```

```

alter table QuestionarioProva
    add primary key (ID_QuestionarioProva);

```

```

create table if not exists TBEstudante
(
    ID_Estudante int auto_increment,
    NR_Idade int null,
    DS_Sexo varchar(100) null,
    AnoConclusaoEnsinoMedio int null,
    AnoInicioGraduacao int null,

```



```

        DS_Turno varchar(100) null,
        B_InscricaoAdm tinyint(1) null,
        B_Concluinte tinyint(1) null,
        constraint ID_Estudante
            unique (ID_Estudante)
    );

alter table TBEstudante
    add primary key (ID_Estudante);

DROP TRIGGER IF EXISTS TBEstudante_TR_ON_INSERT;

```

```

create table if not exists TBGrauConcordanciaAluno
(
    ID_GrauConcordanciaAluno int auto_increment,
    QE_I27 int null,
    QE_I28 int null,
    QE_I29 int null,
    QE_I30 int null,
    QE_I31 int null,
    QE_I32 int null,
    QE_I33 int null,
    QE_I34 int null,
    QE_I35 int null,
    QE_I36 int null,
    QE_I37 int null,
    QE_I38 int null,
    QE_I39 int null,
    QE_I40 int null,
    QE_I41 int null,
    QE_I42 int null,
    QE_I43 int null,
    QE_I44 int null,
    QE_I45 int null,
    QE_I46 int null,
    QE_I47 int null,
    QE_I48 int null,
    QE_I49 int null,
    QE_I50 int null,
    QE_I51 int null,
    QE_I52 int null,
    QE_I53 int null,
    QE_I54 int null,
    QE_I55 int null,
    QE_I56 int null,
    QE_I57 int null,
    QE_I58 int null,

```

```

        QE_I59 int null,
        QE_I60 int null,
        QE_I61 int null,
        QE_I62 int null,
        QE_I63 int null,
        QE_I64 int null,
        QE_I65 int null,
        QE_I66 int null,
        QE_I67 int null,
        QE_I68 int null,
        constraint ID_GrauConcordanciaAluno
            unique (ID_GrauConcordanciaAluno)
    );

alter table TBGrauConcordanciaAluno
    add primary key (ID_GrauConcordanciaAluno);

create table if not exists TBInstituicao
(
    Cod_Modalidade tinyint(1) null,
    Cod_Curso int null,
    Cod_AreaDoCurso int null,
    Cod_OrganizacaoAcademica int null,
    Cod_Categoria int null,
    ID_Instituicao int auto_increment,
    constraint ID_Instituicao
        unique (ID_Instituicao),
    constraint tudo_index
        unique (Cod_Modalidade, Cod_AreaDoCurso, Cod_Categoria,
Cod_OrganizacaoAcademica, Cod_Curso)
);

alter table TBInstituicao
    add primary key (ID_Instituicao);

create table if not exists TBMunicipio
(
    Cod_Municipio int not null,
    DS_Nome varchar(200) null,
    constraint Cod_Municipio
        unique (Cod_Municipio)
);

alter table TBMunicipio
    add primary key (Cod_Municipio);

create table if not exists TBNota

```

```
(
    ID_Nota int auto_increment,
    NR_BrutaProva decimal(13,2) null,
    NR_BrutaGeral decimal(13,2) null,
    NR_BrutaObjetivaGeral decimal(13,2) null,
    NR_BrutaDiscursivaGeral decimal(13,2) null,
    NR_Q1_Geral decimal(13,2) null,
    NR_LP_Q1_DiscursivaGeral decimal(13,2) null,
    NR_Conteudo_Q1_DiscursivaGeral decimal(13,2) null,
    NR_Q2_Geral decimal(13,2) null,
    NR_LP_Q2_DiscursivaGeral decimal(13,2) null,
    NR_Conteudo_Q2_DiscursivaGeral decimal(13,2) null,
    NR_BrutaComponenteEspecifico decimal(13,2) null,
    NR_BrutaObjetivaEspecifico decimal(13,2) null,
    NR_BrutaDiscursivaEspecifico decimal(13,2) null,
    NR_Q1_DiscursivaEspecifico decimal(13,2) null,
    NR_Q2_DiscursivaEspecifico decimal(13,2) null,
    NR_Q3_DiscursivaEspecifico decimal(13,2) null,
    constraint ID_Nota
        unique (ID_Nota)
);
```

```
alter table TBNota
    add primary key (ID_Nota);
```

```
create table if not exists TBRegiao
(
    ID_Regiao int auto_increment,
    DS_Nome varchar(200) null,
    constraint ID_Regiao
        unique (ID_Regiao)
);
```

```
alter table TBRegiao
    add primary key (ID_Regiao);
```

```
create table if not exists TBTipoPresenca
(
    ID_TipoPresenca int auto_increment,
    Cod_Enade int null,
    Cod_Prova int null,
    Cod_ObjativaGeral int null,
    Cod_DiscursivaGeral int null,
    Cod_ObjativaEspecifico int null,
    Cod_DiscursivaEspecifico int null,
    constraint ID_TipoPresenca
        unique (ID_TipoPresenca),
```

```

        constraint tudo_index
            unique (Cod_Enade, Cod_DiscursivaEspecifico, Cod_DiscursivaGeral,
Cod_Prova, Cod_ObjativaEspecifico, Cod_ObjativaGeral)
    );

```

```

alter table TBTipoPresenca
    add primary key (ID_TipoPresenca);

```

```

create table if not exists TBUF

```

```

(
    ID_UF int not null,
    DS_UF varchar(50) null,
    constraint ID_UF
        unique (ID_UF)
);

```

```

alter table TBUF
    add primary key (ID_UF);

```

```

create table if not exists Dados

```

```

(
    ID_Dados int auto_increment,
    NR_Ano int null,
    FK_SQ_Instituicao int null,
    FK_SQ_Municipio int null,
    FK_SQ_UF int null,
    FK_SQ_Regiao int null,
    FK_SQ_TipoPresenca int null,
    FK_SQ_Estudante int null,
    FK_SQ_Nota int null,
    FK_SQ_QuestionarioProva int null,
    FK_SQ_QuestionarioEstudante int null,
    FK_SQ_GrauConcordanciaAluno int null,
    constraint ID_Dados
        unique (ID_Dados),
    constraint Dados_TBGravConcordanciaAluno_ID_GrauConcordanciaAluno_fk
        foreign key (FK_SQ_GrauConcordanciaAluno) references
TBGravConcordanciaAluno (ID_GrauConcordanciaAluno),
    constraint Dados_TBInstituicao_ID_Instituicao_fk
        foreign key (FK_SQ_Instituicao) references TBInstituicao (ID_Instituicao),
    constraint Dados_TBUF_ID_UF_fk
        foreign key (FK_SQ_UF) references TBUF (ID_UF),
    constraint Dados_ibfk_1
        foreign key (FK_SQ_Regiao) references TBRegiao (ID_Regiao),
    constraint Dados_ibfk_3
        foreign key (FK_SQ_TipoPresenca) references TBTipoPresenca
(ID_TipoPresenca),

```

```

        constraint Dados_ibfk_4
            foreign key (FK_SQ_Estudante) references TBEstudante (ID_Estudante),
        constraint Dados_ibfk_5
            foreign key (FK_SQ_Nota) references TBNota (ID_Nota),
        constraint Dados_ibfk_6
            foreign      key      (FK_SQ_QuestionarioEstudante)      references
QuestionarioEstudante (ID_QuestionarioEstudante),
        constraint Dados_ibfk_7
            foreign key (FK_SQ_QuestionarioProva) references QuestionarioProva
(ID_QuestionarioProva),
        constraint Dados_ibfk_8
            foreign key (FK_SQ_Municipio) references TBMunicipio (Cod_Municipio)
);

```

```

create index FK_SQ_Estudante
on Dados (FK_SQ_Estudante);

```

```

create index FK_SQ_Municipio
on Dados (FK_SQ_Municipio);

```

```

create index FK_SQ_Nota
on Dados (FK_SQ_Nota);

```

```

create index FK_SQ_QuestionarioEstudante
on Dados (FK_SQ_QuestionarioEstudante);

```

```

create index FK_SQ_QuestionarioProva
on Dados (FK_SQ_QuestionarioProva);

```

```

create index FK_SQ_Regiao
on Dados (FK_SQ_Regiao);

```

```

create index FK_SQ_TipoPresenca
on Dados (FK_SQ_TipoPresenca);

```

```

alter table Dados
add primary key (ID_Dados);

```

```

-- Inserindo os dados

```

```

-- Região

```

```

INSERT INTO jonyanimal.TBRegiao (ID_Regiao, DS_Nome) VALUES (1, 'NORTE');
INSERT INTO jonyanimal.TBRegiao (ID_Regiao, DS_Nome) VALUES (2, 'NORDESTE');
INSERT INTO jonyanimal.TBRegiao (ID_Regiao, DS_Nome) VALUES (3, 'SUDESTE');
INSERT INTO jonyanimal.TBRegiao (ID_Regiao, DS_Nome) VALUES (4, 'SUL');

```

```
INSERT INTO jonyanimal.TBRegiao (ID_Regiao, DS_Nome) VALUES (5, 'CENTRO-OESTE');
```

```
-- UF
```

```
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (11, 'Rondônia');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (12, 'Acre');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (13, 'Amazonas');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (14, 'Roraima');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (15, 'Pará');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (16, 'Amapá');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (17, 'Tocantins');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (21, 'Maranhão');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (22, 'Piauí');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (23, 'Ceará');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (24, 'Rio Grande do Norte');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (25, 'Paraíba');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (26, 'Pernambuco');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (27, 'Alagoas');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (28, 'Sergipe');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (29, 'Bahia');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (31, 'Minas gerais');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (32, 'Espírito santo');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (33, 'Rio de janeiro');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (35, 'São paulo');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (41, 'Paraná');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (42, 'Santa catarina');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (43, 'Rio grande do sul');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (50, 'Mato grosso do sul');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (51, 'Mato grosso');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (52, 'Goiás');
INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (53, 'Distrito federal');
```

```
-- Município
```

```
insert into jonyanimal.TBMunicipio (Cod_Municipio, DS_Nome)
values (1100015, 'ALTA FLORESTA D´OESTE'),
      (1100023, 'ARIQUEMES'),
      (1100031, 'CABIXI'),
      (1100049, 'CACOAL'),
      (1100056, 'CEREJEIRAS'),
      (1100064, 'COLORADO DO OESTE'),
      (1100072, 'CORUMBIARA'),
      (1100080, 'COSTA MARQUES'),
      (1100098, 'ESPIGAO D´OESTE'),
      (1100106, 'GUAJARA-MIRIM'),
      (1100114, 'JARU'),
      (1100122, 'JI-PARANA'),
```

(1100130, ' MACHADINHO D´OESTE'),
(1100148, ' NOVA BRASILANDIA D´OESTE'),
(1100155, ' OURO PRETO DO OESTE'),
(1100189, ' PIMENTA BUENO'),
(1100205, ' PORTO VELHO'),
(1100254, ' PRESIDENTE MEDICI'),
(1100262, ' RIO CRESPO'),
(1100288, ' ROLIM DE MOURA'),
(1100296, ' SANTA LUZIA D´OESTE'),
(1100304, ' VILHENA'),
(1100320, ' SAO MIGUEL DO GUAPORE'),
(1100338, ' NOVA MAMORE'),
(1100346, ' ALVORADA D´OESTE'),
(1100379, ' ALTO ALEGRE DO PARECIS'),
(1100403, ' ALTO PARAISO'),
(1100452, ' BURITIS'),
(1100502, ' NOVO HORIZONTE DO OESTE'),
(1100601, ' CACAULANDIA'),
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(4323101, ' VICENTE DUTRA'),
(4323200, ' VICTOR GRAEFF'),
(4323309, ' VILA FLORES'),
(4323358, ' VILA LANGARO'),
(4323408, ' VILA MARIA'),
(4323457, ' VILA NOVA DO SUL'),
(4323507, ' VISTA ALEGRE'),
(4323606, ' VISTA ALEGRE DO PRATA'),
(4323705, ' VISTA GAUCHA'),
(4323754, ' VITORIA DAS MISSOES'),
(4323770, ' WESTFALIA'),
(4323804, ' XANGRI-LA'),
(5000203, ' AGUA CLARA'),
(5000252, ' ALCINOPOLIS'),
(5000609, ' AMAMBAI'),
(5000708, ' ANASTACIO'),
(5000807, ' ANAURILANDIA'),
(5000856, ' ANGELICA'),
(5000906, ' ANTONIO JOAO'),
(5001003, ' APARECIDA DO TABOADO'),
(5001102, ' AQUIDAUANA'),
(5001243, ' ARAL MOREIRA'),
(5001508, ' BANDEIRANTES'),
(5001904, ' BATAGUASSU'),
(5002001, ' BATAIPORA'),
(5002100, ' BELA VISTA'),
(5002159, ' BODOQUENA'),
(5002209, ' BONITO'),
(5002308, ' BRASILANDIA'),
(5002407, ' CAARAPO'),
(5002605, ' CAMAPUA'),
(5002704, ' CAMPO GRANDE'),
(5002803, ' CARACOL'),
(5002902, ' CASSILANDIA'),
(5002951, ' CHAPADAO DO SUL'),
(5003108, ' CORGUINHO'),
(5003157, ' CORONEL SAPUCAIA'),
(5003207, ' CORUMBA'),
(5003256, ' COSTA RICA'),
(5003306, ' COXIM'),
(5003454, ' DEODAPOLIS'),
(5003488, ' DOIS IRMAOS DO BURITI'),
(5003504, ' DOURADINA'),
(5003702, ' DOURADOS'),

(5003751, 'ELDORADO'),
(5003801, 'FATIMA DO SUL'),
(5003900, 'FIGUEIRAO'),
(5004007, 'GLORIA DE DOURADOS'),
(5004106, 'GUIA LOPES DA LAGUNA'),
(5004304, 'IGUATEMI'),
(5004403, 'INOCENCIA'),
(5004502, 'ITAPORA'),
(5004601, 'ITAQUIRAI'),
(5004700, 'IVINHEMA'),
(5004809, 'JAPORA'),
(5004908, 'JARAGUARI'),
(5005004, 'JARDIM'),
(5005103, 'JATEI'),
(5005152, 'JUTI'),
(5005202, 'LADARIO'),
(5005251, 'LAGUNA CARAPA'),
(5005400, 'MARACAJU'),
(5005608, 'MIRANDA'),
(5005681, 'MUNDO NOVO'),
(5005707, 'NAVIRAI'),
(5005806, 'NIOAQUE'),
(5006002, 'NOVA ALVORADA DO SUL'),
(5006200, 'NOVA ANDRADINA'),
(5006259, 'NOVO HORIZONTE DO SUL'),
(5006275, 'PARAISO DAS AGUAS'),
(5006309, 'PARANAIBA'),
(5006358, 'PARANHOS'),
(5006408, 'PEDRO GOMES'),
(5006606, 'PONTA PORA'),
(5006903, 'PORTO MURTINHO'),
(5007109, 'RIBAS DO RIO PARDO'),
(5007208, 'RIO BRILHANTE'),
(5007307, 'RIO NEGRO'),
(5007406, 'RIO VERDE DE MATO GROSSO'),
(5007505, 'ROCHEDO'),
(5007554, 'SANTA RITA DO PARDO'),
(5007695, 'SAO GABRIEL DO OESTE'),
(5007703, 'SETE QUEDAS'),
(5007802, 'SELVIRIA'),
(5007901, 'SIDROLANDIA'),
(5007935, 'SONORA'),
(5007950, 'TACURU'),
(5007976, 'TAQUARUSSU'),
(5008008, 'TERENOS'),
(5008305, 'TRES LAGOAS'),
(5008404, 'VICENTINA'),

(5100102, 'ACORIZAL'),
(5100201, 'AGUA BOA'),
(5100250, 'ALTA FLORESTA'),
(5100300, 'ALTO ARAGUAIA'),
(5100359, 'ALTO BOA VISTA'),
(5100409, 'ALTO GARCAS'),
(5100508, 'ALTO PARAGUAI'),
(5100607, 'ALTO TAQUARI'),
(5100805, 'APIACAS'),
(5101001, 'ARAGUAIANA'),
(5101209, 'ARAGUAINHA'),
(5101258, 'ARAPUTANGA'),
(5101308, 'ARENAPOLIS'),
(5101407, 'ARIPUANA'),
(5101605, 'BARAO DE MELGACO'),
(5101704, 'BARRA DO BUGRES'),
(5101803, 'BARRA DO GARCAS'),
(5101852, 'BOM JESUS DO ARAGUAIA'),
(5101902, 'BRASNORTE'),
(5102504, 'CACERES'),
(5102603, 'CAMPINAPOLIS'),
(5102637, 'CAMPO NOVO DO PARECIS'),
(5102678, 'CAMPO VERDE'),
(5102686, 'CAMPOS DE JULIO'),
(5102694, 'CANABRAVA DO NORTE'),
(5102702, 'CANARANA'),
(5102793, 'CARLINDA'),
(5102850, 'CASTANHEIRA'),
(5103007, 'CHAPADA DOS GUIMARAES'),
(5103056, 'CLAUDIA'),
(5103106, 'COCALINHO'),
(5103205, 'COLIDER'),
(5103254, 'COLNIZA'),
(5103304, 'COMODORO'),
(5103353, 'CONFRESA'),
(5103361, 'CONQUISTA D'OESTE'),
(5103379, 'COTRIGUACU'),
(5103403, 'CUIABA'),
(5103437, 'CUVERLANDIA'),
(5103452, 'DENISE'),
(5103502, 'DIAMANTINO'),
(5103601, 'DOM AQUINO'),
(5103700, 'FELIZ NATAL'),
(5103809, 'FIGUEIROPOLIS D'OESTE'),
(5103858, 'GAUCHA DO NORTE'),
(5103908, 'GENERAL CARNEIRO'),
(5103957, 'GLORIA D'OESTE'),

(5104104, ' GUARANTA DO NORTE'),
(5104203, ' GUIRATINGA'),
(5104500, ' INDIAVAÍ'),
(5104526, ' IPIRANGA DO NORTE'),
(5104542, ' ITANHANGA'),
(5104559, ' ITAUBA'),
(5104609, ' ITIQUIRA'),
(5104807, ' JACIARA'),
(5104906, ' JANGADA'),
(5105002, ' JAURU'),
(5105101, ' JUARA'),
(5105150, ' JUINA'),
(5105176, ' JURUENA'),
(5105200, ' JUSCIMEIRA'),
(5105234, ' LAMBARI D´OESTE'),
(5105259, ' LUCAS DO RIO VERDE'),
(5105309, ' LUCIARA'),
(5105507, ' VILA BELA DA SANTÍSSIMA TRINDADE'),
(5105580, ' MARCELÂNDIA'),
(5105606, ' MATUPA'),
(5105622, ' MIRASSOL D"OESTE'),
(5105903, ' NOBRES'),
(5106000, ' NORTELÂNDIA'),
(5106109, ' NOSSA SENHORA DO LIVRAMENTO'),
(5106158, ' NOVA BANDEIRANTES'),
(5106174, ' NOVA NAZARE'),
(5106182, ' NOVA LACERDA'),
(5106190, ' NOVA SANTA HELENA'),
(5106208, ' NOVA BRASILÂNDIA'),
(5106216, ' NOVA CANAÃ DO NORTE'),
(5106224, ' NOVA MUTUM'),
(5106232, ' NOVA OLÍMPIA'),
(5106240, ' NOVA UBIRATA'),
(5106257, ' NOVA XAVANTINA'),
(5106265, ' NOVO MUNDO'),
(5106273, ' NOVO HORIZONTE DO NORTE'),
(5106281, ' NOVO SÃO JOAQUIM'),
(5106299, ' PARANAÍTA'),
(5106307, ' PARANATINGA'),
(5106315, ' NOVO SANTO ANTONIO'),
(5106372, ' PEDRA PRETA'),
(5106422, ' PEIXOTO DE AZEVEDO'),
(5106455, ' PLANALTO DA SERRA'),
(5106505, ' POCONÉ'),
(5106653, ' PONTAL DO ARAGUAIA'),
(5106703, ' PONTE BRANCA'),
(5106752, ' PONTES E LACERDA'),

(5106778, ' PORTO ALEGRE DO NORTE'),
(5106802, ' PORTO DO GAUCHOS'),
(5106828, ' PORTO ESPERIDIAO'),
(5106851, ' PORTO ESTRELA'),
(5107008, ' POXOREO'),
(5107040, ' PRIMAVERA DO LESTE'),
(5107065, ' QUERENCIA'),
(5107107, ' SAO JOSE DOS QUATRO MARCOS'),
(5107156, ' RESERVA DO CABACAL'),
(5107180, ' RIBEIRAO CASCALHEIRA'),
(5107198, ' RIBEIRAOZINHO'),
(5107206, ' RIO BRANCO'),
(5107248, ' SANTA CARMEM'),
(5107263, ' SANTO AFONSO'),
(5107297, ' SAO JOSE DO POVO'),
(5107305, ' SAO JOSE DO RIO CLARO'),
(5107354, ' SAO JOSE DO XINGU'),
(5107404, ' SAO PEDRO DA CIPA'),
(5107578, ' RONDOLANDIA'),
(5107602, ' RONDONOPOLIS'),
(5107701, ' ROSARIO OESTE'),
(5107743, ' SANTA CRUZ DO XINGU'),
(5107750, ' SALTO DO CEU'),
(5107768, ' SANTA RITA DO TRIVELATO'),
(5107776, ' SANTA TEREZINHA'),
(5107792, ' SANTO ANTONIO DO LESTE'),
(5107800, ' SANTO ANTONIO DO LEVERGER'),
(5107859, ' SAO FELIX DO ARAGUAIA'),
(5107875, ' SAPEZAL'),
(5107883, ' SERRA NOVA DOURADA'),
(5107909, ' SINOP'),
(5107925, ' SORRISO'),
(5107941, ' TABAPORA'),
(5107958, ' TANGARA DA SERRA'),
(5108006, ' TAPURAH'),
(5108055, ' TERRA NOVA DO NORTE'),
(5108105, ' TESOURO'),
(5108204, ' TORIXOREU'),
(5108303, ' UNIAO DO SUL'),
(5108352, ' VALE DE SAO DOMINGOS'),
(5108402, ' VARZEA GRANDE'),
(5108501, ' VERA'),
(5108600, ' VILA RICA'),
(5108808, ' NOVA GUARITA'),
(5108857, ' NOVA MARILANDIA'),
(5108907, ' NOVA MARINGA'),
(5108956, ' NOVA MONTE VERDE'),

(5200050, 'ABADIA DE GOIAS'),
(5200100, 'ABADIANIA'),
(5200134, 'ACREUNA'),
(5200159, 'ADELANDIA'),
(5200175, 'AGUA FRIA DE GOIAS'),
(5200209, 'AGUA LIMPA'),
(5200258, 'AGUAS LINDAS DE GOIAS'),
(5200308, 'ALEXANIA'),
(5200506, 'ALOANDIA'),
(5200555, 'ALTO HORIZONTE'),
(5200605, 'ALTO PARAISO DE GOIAS'),
(5200803, 'ALVORADA DO NORTE'),
(5200829, 'AMARALINA'),
(5200852, 'AMERICANO DO BRASIL'),
(5200902, 'AMORINOPOLIS'),
(5201108, 'ANAPOLIS'),
(5201207, 'ANHANGUERA'),
(5201306, 'ANICUNS'),
(5201405, 'APARECIDA DE GOIANIA'),
(5201454, 'APARECIDA DO RIO DOCE'),
(5201504, 'APORE'),
(5201603, 'ARACU'),
(5201702, 'ARAGARCAS'),
(5201801, 'ARAGOIANIA'),
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(5202502, 'ARUANA'),
(5202601, 'AURILANDIA'),
(5202809, 'AVELINOPOLIS'),
(5203104, 'BALIZA'),
(5203203, 'BARRO ALTO'),
(5203302, 'BELA VISTA DE GOIAS'),
(5203401, 'BOM JARDIM DE GOIAS'),
(5203500, 'BOM JESUS DE GOIAS'),
(5203559, 'BONFINOPOLIS'),
(5203575, 'BONOPOLIS'),
(5203609, 'BRAZABRANTES'),
(5203807, 'BRITANIA'),
(5203906, 'BURITI ALEGRE'),
(5203939, 'BURITI DE GOIAS'),
(5203962, 'BURITINOPOLIS'),
(5204003, 'CABECEIRAS'),
(5204102, 'CACHOEIRA ALTA'),
(5204201, 'CACHOEIRA DE GOIAS'),
(5204250, 'CACHOEIRA DOURADA'),
(5204300, 'CACU'),
(5204409, 'CAIAPONIA'),

(5204508, ' CALDAS NOVAS'),
(5204557, ' CALDAZINHA'),
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(5204656, ' CAMPINACU'),
(5204706, ' CAMPINORTE'),
(5204805, ' CAMPO ALEGRE DE GOIAS'),
(5204854, ' CAMPO LIMPO DE GOIAS'),
(5204904, ' CAMPOS BELOS'),
(5204953, ' CAMPOS VERDES'),
(5205000, ' CARMO DO RIO VERDE'),
(5205059, ' CASTELANDIA'),
(5205109, ' CATALAO'),
(5205208, ' CATURAI'),
(5205307, ' CAVALCANTE'),
(5205406, ' CERES'),
(5205455, ' CEZARINA'),
(5205471, ' CHAPADAO DO CEU'),
(5205497, ' CIDADE OCIDENTAL'),
(5205513, ' COCALZINHO DE GOIAS'),
(5205521, ' COLINAS DO SUL'),
(5205703, ' CORREGO DO OURO'),
(5205802, ' CORUMBA DE GOIAS'),
(5205901, ' CORUMBAIBA'),
(5206206, ' CRISTALINA'),
(5206305, ' CRISTIANOPOLIS'),
(5206404, ' CRIXAS'),
(5206503, ' CROMINIA'),
(5206602, ' CUMARI'),
(5206701, ' DAMIANOPOLIS'),
(5206800, ' DAMOLANDIA'),
(5206909, ' DAVINOPOLIS'),
(5207105, ' DIORAMA'),
(5207253, ' DOVERLANDIA'),
(5207352, ' EDEALINA'),
(5207402, ' EDEIA'),
(5207501, ' ESTRELA DO NORTE'),
(5207535, ' FAINA'),
(5207600, ' FAZENDA NOVA'),
(5207808, ' FIRMINOPOLIS'),
(5207907, ' FLORES DE GOIAS'),
(5208004, ' FORMOSA'),
(5208103, ' FORMOSO'),
(5208152, ' GAMELEIRA DE GOIAS'),
(5208301, ' DIVINOPOLIS DE GOIAS'),
(5208400, ' GOIANAPOLIS'),
(5208509, ' GOIANDIRA'),
(5208608, ' GOIANESIA'),

(5208707, 'GOIANIA'),
(5208806, 'GOIANIRA'),
(5208905, 'GOIAS'),
(5209101, 'GOIATUBA'),
(5209150, 'GOUVELANDIA'),
(5209200, 'GUAPO'),
(5209291, 'GUARAITA'),
(5209408, 'GUARANI DE GOIAS'),
(5209457, 'GUARINOS'),
(5209606, 'HEITORAI'),
(5209705, 'HIDROLANDIA'),
(5209804, 'HIDROLINA'),
(5209903, 'IACIARA'),
(5209937, 'INACIOLANDIA'),
(5209952, 'INDIARA'),
(5210000, 'INHUMAS'),
(5210109, 'IPAMERI'),
(5210158, 'IPIRANGA DE GOIAS'),
(5210208, 'IPORA'),
(5210307, 'ISRAELANDIA'),
(5210406, 'ITABERAI'),
(5210562, 'ITAGUARI'),
(5210604, 'ITAGUARU'),
(5210802, 'ITAJA'),
(5210901, 'ITAPACI'),
(5211008, 'ITAPIRAPUA'),
(5211206, 'ITAPURANGA'),
(5211305, 'ITARUMA'),
(5211404, 'ITAUCU'),
(5211503, 'ITUMBIARA'),
(5211602, 'IVOLANDIA'),
(5211701, 'JANDAIA'),
(5211800, 'JARAGUA'),
(5211909, 'JATAI'),
(5212006, 'JAUPACI'),
(5212055, 'JESUPOLIS'),
(5212105, 'JOVIANIA'),
(5212204, 'JUSSARA'),
(5212253, 'LAGOA SANTA'),
(5212303, 'LEOPOLDO DE BULHOES'),
(5212501, 'LUZIANIA'),
(5212600, 'MAIRIPOTABA'),
(5212709, 'MAMBAI'),
(5212808, 'MARA ROSA'),
(5212907, 'MARZAGAO'),
(5212956, 'MATRINCHA'),
(5213004, 'MAURILANDIA'),

(5213053, 'MIMOSO DE GOIAS'),
(5213087, 'MINACU'),
(5213103, 'MINEIROS'),
(5213400, 'MOIPORA'),
(5213509, 'MONTE ALEGRE DE GOIAS'),
(5213707, 'MONTES CLAROS DE GOIAS'),
(5213756, 'MONTIVIDIU'),
(5213772, 'MONTIVIDIU DO NORTE'),
(5213806, 'MORRINHOS'),
(5213855, 'MORRO AGUDO DE GOIAS'),
(5213905, 'MOSSAMEDES'),
(5214002, 'MOZARLANDIA'),
(5214051, 'MUNDO NOVO'),
(5214101, 'MUTUNOPOLIS'),
(5214408, 'NAZARIO'),
(5214507, 'NEROPOLIS'),
(5214606, 'NIQUELANDIA'),
(5214705, 'NOVA AMERICA'),
(5214804, 'NOVA AURORA'),
(5214838, 'NOVA CRIXAS'),
(5214861, 'NOVA GLORIA'),
(5214879, 'NOVA IGUACU DE GOIAS'),
(5214903, 'NOVA ROMA'),
(5215009, 'NOVA VENEZA'),
(5215207, 'NOVO BRASIL'),
(5215231, 'NOVO GAMA'),
(5215256, 'NOVO PLANALTO'),
(5215306, 'ORIZONA'),
(5215405, 'OURO VERDE DE GOIAS'),
(5215504, 'OUVIDOR'),
(5215603, 'PADRE BERNARDO'),
(5215652, 'PALESTINA DE GOIAS'),
(5215702, 'PALMEIRAS DE GOIAS'),
(5215801, 'PALMELO'),
(5215900, 'PALMINOPOLIS'),
(5216007, 'PANAMA'),
(5216304, 'PARANAIGUARA'),
(5216403, 'PARAUNA'),
(5216452, 'PEROLANDIA'),
(5216809, 'PETROLINA DE GOIAS'),
(5216908, 'PILAR DE GOIAS'),
(5217104, 'PIRACANJUBA'),
(5217203, 'PIRANHAS'),
(5217302, 'PIRENOPOLIS'),
(5217401, 'PIRES DO RIO'),
(5217609, 'PLANALTINA'),
(5217708, 'PONTALINA'),

(5218003, 'PORANGATU'),
(5218052, 'PORTEIRAO'),
(5218102, 'PORTELANDIA'),
(5218300, 'POSSE'),
(5218391, 'PROFESSOR JAMIL'),
(5218508, 'QUIRINOPOLIS'),
(5218607, 'RIALMA'),
(5218706, 'RIANAPOLIS'),
(5218789, 'RIO QUENTE'),
(5218805, 'RIO VERDE'),
(5218904, 'RUBIATABA'),
(5219001, 'SANCLERLANDIA'),
(5219100, 'SANTA BARBARA DE GOIAS'),
(5219209, 'SANTA CRUZ DE GOIAS'),
(5219258, 'SANTA FE DE GOIAS'),
(5219308, 'SANTA HELENA DE GOIAS'),
(5219357, 'SANTA ISABEL'),
(5219407, 'SANTA RITA DO ARAGUAIA'),
(5219456, 'SANTA RITA DO NOVO DESTINO'),
(5219506, 'SANTA ROSA DE GOIAS'),
(5219605, 'SANTA TEREZA DE GOIAS'),
(5219704, 'SANTA TEREZINHA DE GOIAS'),
(5219712, 'SANTO ANTONIO DA BARRA'),
(5219738, 'SANTO ANTONIO DE GOIAS'),
(5219753, 'SANTO ANTONIO DO DESCOBERTO'),
(5219803, 'SAO DOMINGOS'),
(5219902, 'SAO FRANCISCO DE GOIAS'),
(5220009, 'SAO JOAO D´ALIANCA'),
(5220058, 'SAO JOAO DA PARAUNA'),
(5220108, 'SAO LUIS DE MONTES BELOS'),
(5220157, 'SAO LUIZ DO NORTE'),
(5220207, 'SAO MIGUEL DO ARAGUAIA'),
(5220264, 'SAO MIGUEL DO PASSA QUATRO'),
(5220280, 'SAO PATRICIO'),
(5220405, 'SAO SIMAO'),
(5220454, 'SENADOR CANEDO'),
(5220504, 'SERRANOPOLIS'),
(5220603, 'SILVANIA'),
(5220686, 'SIMOLANDIA'),
(5220702, 'SITIO D´ABADIA'),
(5221007, 'TAQUARAL DE GOIAS'),
(5221080, 'TERESINA DE GOIAS'),
(5221197, 'TEREZOPOLIS DE GOIAS'),
(5221304, 'TRES RANCHOS'),
(5221403, 'TRINDADE'),
(5221452, 'TROMBAS'),
(5221502, 'TURVANIA'),

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(5221551, 'TURVELANDIA'),  
(5221577, 'UIRAPURU'),  
(5221601, 'URUACU'),  
(5221700, 'URUANA'),  
(5221809, 'URUTAI'),  
(5221858, 'VALPARAISO DE GOIAS'),  
(5221908, 'VARJAO'),  
(5222005, 'VIANOPOLIS'),  
(5222054, 'VICENTINOPOLIS'),  
(5222203, 'VILA BOA'),  
(5222302, 'VILA PROPICIO'),  
(5300108, 'BRASILIA');
```

-- criando trigger

```
create trigger TBEstudante_TR_ON_INSERT  
after insert  
on TBEstudante  
for each row  
BEGIN  
  
DECLARE IDSQNota INT;  
DECLARE IDSQGrauConcordanciaAluno INT;  
DECLARE IDSQQuestionarioEstudante INT;  
DECLARE IDSQQuestionarioProva INT;  
DECLARE IDSQInstituicao INT;  
DECLARE IDSQTipoPresenca INT;  
DECLARE ORGACAD INT;  
DECLARE CATEGAD INT;  
DECLARE GRUPO INT;  
DECLARE CURSO INT;  
DECLARE MODALIDADE INT;  
DECLARE PRES INT;  
DECLARE PR_GER INT;  
DECLARE PR_OB_FG INT;  
DECLARE PR_DI_FG INT;  
DECLARE PR_OB_CE INT;  
DECLARE PR_DI_CE INT;
```

select

```
CO_ORGACAD  
,CO_CATEGAD  
,CO_GRUPO  
,CO_CURSO  
,CO_MODALIDADE
```

```

, TP_PRE
, TP_PR_GER
, TP_PR_OB_FG
, TP_PR_DI_FG
, TP_PR_OB_CE
, TP_PR_DI_CE
INTO
  ORGACAD
, CATEGAD
, GRUPO
, CURSO
, MODALIDADE
, PRES
, PR_GER
, PR_OB_FG
, PR_DI_FG
, PR_OB_CE
, PR_DI_CE
FROM tabela_aux
WHERE id_aux = NEW.ID_Estudante;

```

```

SET IDSQInstituicao = (
  SELECT ID_Instituicao
  FROM TBInstituicao
  WHERE Cod_OrganizacaoAcademica = ORGACAD
    AND Cod_Categoria = CATEGAD
    AND Cod_AreaDoCurso = GRUPO
    AND Cod_Curso = CURSO
    AND Cod_Modalidade = MODALIDADE
  LIMIT 1
);

```

```

SET IDSQTipoPresenca = (
  SELECT ID_TipoPresenca
  FROM TBTipoPresenca
  WHERE Cod_Enade = PRES
    AND Cod_Prova = PR_GER
    AND Cod_ObjativaGeral = PR_OB_FG
    AND Cod_DiscursivaGeral = PR_DI_FG
    AND Cod_ObjativaEspecifico = PR_OB_CE
    AND Cod_DiscursivaEspecifico = PR_DI_CE
  LIMIT 1
);

```

```

-- Não pode ser único
INSERT INTO QuestionarioProva(RS_I1, RS_I2, RS_I3, RS_I4, RS_I5, RS_I6, RS_I7, RS_I8,
RS_I9)

```

```

SELECT
CO_RS_I1,CO_RS_I2,CO_RS_I3,CO_RS_I4,CO_RS_I5,CO_RS_I6,CO_RS_I7,CO_RS_I8,CO_
RS_I9
from tabela_aux WHERE id_aux = NEW.ID_Estudante;

```

```

SET IDSQQuestionarioProva = LAST_INSERT_ID();

```

```

-- Não pode ser único

```

```

INSERT INTO QuestionarioEstudante(QE_I01, QE_I02, QE_I03, QE_I04, QE_I05,
QE_I06, QE_I07, QE_I08, QE_I09, QE_I10, QE_I11, QE_I12, QE_I13, QE_I14, QE_I15,
QE_I16, QE_I17, QE_I18, QE_I19, QE_I20, QE_I21, QE_I22, QE_I23, QE_I24, QE_I25,
QE_I26)

```

```

SELECT

```

```

QE_I01
, QE_I02
, QE_I03
, QE_I04
, QE_I05
, QE_I06
, QE_I07
, QE_I08
, QE_I09
, QE_I10
, QE_I11
, QE_I12
, QE_I13
, QE_I14
, QE_I15
, IF(QE_I16 = "", NULL, QE_I16)
, QE_I17
, QE_I18
, QE_I19
, QE_I20
, QE_I21
, QE_I22
, QE_I23
, QE_I24
, QE_I25
, QE_I26

```

```

from tabela_aux WHERE id_aux = NEW.ID_Estudante;

```

```

SET IDSQQuestionarioEstudante = LAST_INSERT_ID();

```

```

-- Não pode ser único

```

```

INSERT INTO TBGrauConcordanciaAluno(QE_I27, QE_I28, QE_I29, QE_I30, QE_I31,
QE_I32, QE_I33, QE_I34, QE_I35, QE_I36, QE_I37, QE_I38, QE_I39, QE_I40, QE_I41,
QE_I42, QE_I43, QE_I44, QE_I45, QE_I46, QE_I47, QE_I48, QE_I49, QE_I50, QE_I51,

```

QE_I52, QE_I53, QE_I54, QE_I55, QE_I56, QE_I57, QE_I58, QE_I59, QE_I60, QE_I61,
QE_I62, QE_I63, QE_I64, QE_I65, QE_I66, QE_I67, QE_I68)

SELECT if(QE_I27 = "",NULL,QE_I27)

, if(QE_I28 = "",NULL,QE_I28)
, if(QE_I29 = "",NULL,QE_I29)
, if(QE_I30 = "",NULL,QE_I30)
, if(QE_I31 = "",NULL,QE_I31)
, if(QE_I32 = "",NULL,QE_I32)
, if(QE_I33 = "",NULL,QE_I33)
, if(QE_I34 = "",NULL,QE_I34)
, if(QE_I35 = "",NULL,QE_I35)
, if(QE_I36 = "",NULL,QE_I36)
, if(QE_I37 = "",NULL,QE_I37)
, if(QE_I38 = "",NULL,QE_I38)
, if(QE_I39 = "",NULL,QE_I39)
, if(QE_I40 = "",NULL,QE_I40)
, if(QE_I41 = "",NULL,QE_I41)
, if(QE_I42 = "",NULL,QE_I42)
, if(QE_I43 = "",NULL,QE_I43)
, if(QE_I44 = "",NULL,QE_I44)
, if(QE_I45 = "",NULL,QE_I45)
, if(QE_I46 = "",NULL,QE_I46)
, if(QE_I47 = "",NULL,QE_I47)
, if(QE_I48 = "",NULL,QE_I48)
, if(QE_I49 = "",NULL,QE_I49)
, if(QE_I50 = "",NULL,QE_I50)
, if(QE_I51 = "",NULL,QE_I51)
, if(QE_I52 = "",NULL,QE_I52)
, if(QE_I53 = "",NULL,QE_I53)
, if(QE_I54 = "",NULL,QE_I54)
, if(QE_I55 = "",NULL,QE_I55)
, if(QE_I56 = "",NULL,QE_I56)
, if(QE_I57 = "",NULL,QE_I57)
, if(QE_I58 = "",NULL,QE_I58)
, if(QE_I59 = "",NULL,QE_I59)
, if(QE_I60 = "",NULL,QE_I60)
, if(QE_I61 = "",NULL,QE_I61)
, if(QE_I62 = "",NULL,QE_I62)
, if(QE_I63 = "",NULL,QE_I63)
, if(QE_I64 = "",NULL,QE_I64)
, if(QE_I65 = "",NULL,QE_I65)
, if(QE_I66 = "",NULL,QE_I66)
, if(QE_I67 = "",NULL,QE_I67)
, if(QE_I68 = "",NULL,QE_I68)

from tabela_aux WHERE id_aux = NEW.ID_Estudante;

SET IDSQGrauConcordanciaAluno = LAST_INSERT_ID();


```

-- Não pode ser único
insert into TBNota(
    NR_BrutaProva
    , NR_BrutaGeral
    , NR_BrutaObjetivaGeral
    , NR_BrutaDiscursivaGeral
    , NR_Q1_Geral
    , NR_LP_Q1_DiscursivaGeral
    , NR_Conteudo_Q1_DiscursivaGeral
    , NR_Q2_Geral
    , NR_LP_Q2_DiscursivaGeral
    , NR_Conteudo_Q2_DiscursivaGeral
    , NR_BrutaComponenteEspecifico
    , NR_BrutaObjetivaEspecifico
    , NR_BrutaDiscursivaEspecifico
    , NR_Q1_DiscursivaEspecifico
    , NR_Q2_DiscursivaEspecifico
    , NR_Q3_DiscursivaEspecifico)
SELECT IF(NT_GER = "",NULL, REPLACE(NT_GER,'','.')),
    IF(NT_FG = "",NULL, REPLACE(NT_FG,'','.')),
    IF(NT_OBJ_FG = "",NULL, REPLACE(NT_OBJ_FG,'','.')),
    IF(NT_DIS_FG = "",NULL, REPLACE(NT_DIS_FG,'','.')),
    IF(NT_FG_D1 = "",NULL, REPLACE(NT_FG_D1,'','.')),
    IF(NT_FG_D1_PT = "",NULL, REPLACE(NT_FG_D1_PT,'','.')),
    IF(NT_FG_D1_CT = "",NULL, REPLACE(NT_FG_D1_CT,'','.')),
    IF(NT_FG_D2 = "",NULL, REPLACE(NT_FG_D2,'','.')),
    IF(NT_FG_D2_PT = "",NULL, REPLACE(NT_FG_D2_PT,'','.')),
    IF(NT_FG_D2_CT = "",NULL, REPLACE(NT_FG_D2_CT,'','.')),
    IF(NT_CE = "",NULL, REPLACE(NT_CE,'','.')),
    IF(NT_OBJ_CE = "",NULL, REPLACE(NT_OBJ_CE,'','.')),
    IF(NT_DIS_CE = "",NULL, REPLACE(NT_DIS_CE,'','.')),
    IF(NT_CE_D1 = "",NULL, REPLACE(NT_CE_D1,'','.')),
    IF(NT_CE_D2 = "",NULL, REPLACE(NT_CE_D2,'','.')),
    IF(NT_CE_D3 = "",NULL, REPLACE(NT_CE_D3,'','.'))
from tabela_aux WHERE id_aux = NEW.ID_Estudante;

SET IDSQNota = LAST_INSERT_ID();

```

```

-- Não pode ser único
insert into Dados(NR_Ano
    , FK_SQ_Instituicao
    , FK_SQ_Municipio
    , FK_SQ_UF
    , FK_SQ_Regiao
    , FK_SQ_TipoPresenca
    , FK_SQ_Estudante

```

```
, FK_SQ_Nota
, FK_SQ_QuestionarioProva
, FK_SQ_QuestionarioEstudante
, FK_SQ_GrauConcordanciaAluno)
SELECT NU_ANO
      ,IDSQInstituicao
      ,CO_MUNIC_CURSO
      ,CO_UF_CURSO
      ,CO_REGIAO_CURSO
      ,IDSQTipoPresenca
      ,NEW.ID_Estudante
      ,IDSQNota
      ,IDSQQuestionarioProva
      ,IDSQQuestionarioEstudante
      ,IDSQGrauConcordanciaAluno
from tabela_aux WHERE id_aux = NEW.ID_Estudante;
```

```
END;
```

```
-- Criando a tabela auxiliar
```

```
create table tabela_aux
(
  NU_ANO          varchar(100) null,
  CO_IES          varchar(100) null,
  CO_CATEGAD      varchar(100) null,
  CO_ORGACAD      varchar(100) null,
  CO_GRUPO        varchar(100) null,
  CO_CURSO        varchar(100) null,
  CO_MODALIDADE   varchar(100) null,
  CO_MUNIC_CURSO  varchar(100) null,
  CO_UF_CURSO     varchar(100) null,
  CO_REGIAO_CURSO varchar(100) null,
  NU_IDADE        varchar(100) null,
  TP_SEXO         varchar(100) null,
  ANO_FIM_EM      varchar(100) null,
  ANO_IN_GRAD     varchar(100) null,
  CO_TURNO_GRADUACAO varchar(100) null,
  TP_INSCRICAO_ADM varchar(100) null,
  TP_INSCRICAO     varchar(100) null,
  NU_ITEM_OFG     varchar(100) null,
  NU_ITEM_OFG_Z   varchar(100) null,
  NU_ITEM_OFG_X   varchar(100) null,
  NU_ITEM_OFG_N   varchar(100) null,
  NU_ITEM_OCE     varchar(100) null,
  NU_ITEM_OCE_Z   varchar(100) null,
```

NU_ITEM_OCE_X varchar(100) null,
NU_ITEM_OCE_N varchar(100) null,
DS_VT_GAB_OFG_ORIG varchar(100) null,
DS_VT_GAB_OFG_FIN varchar(100) null,
DS_VT_GAB_OCE_ORIG varchar(100) null,
DS_VT_GAB_OCE_FIN varchar(100) null,
DS_VT_ESC_OFG varchar(100) null,
DS_VT_ACE_OFG varchar(100) null,
DS_VT_ESC_OCE varchar(100) null,
DS_VT_ACE_OCE varchar(100) null,
TP_PRES varchar(100) null,
TP_PR_GER varchar(100) null,
TP_PR_OB_FG varchar(100) null,
TP_PR_DI_FG varchar(100) null,
TP_PR_OB_CE varchar(100) null,
TP_PR_DI_CE varchar(100) null,
TP_SFG_D1 varchar(100) null,
TP_SFG_D2 varchar(100) null,
TP_SCE_D1 varchar(100) null,
TP_SCE_D2 varchar(100) null,
TP_SCE_D3 varchar(100) null,
NT_GER varchar(100) null,
NT_FG varchar(100) null,
NT_OBJ_FG varchar(100) null,
NT_DIS_FG varchar(100) null,
NT_FG_D1 varchar(100) null,
NT_FG_D1_PT varchar(100) null,
NT_FG_D1_CT varchar(100) null,
NT_FG_D2 varchar(100) null,
NT_FG_D2_PT varchar(100) null,
NT_FG_D2_CT varchar(100) null,
NT_CE varchar(100) null,
NT_OBJ_CE varchar(100) null,
NT_DIS_CE varchar(100) null,
NT_CE_D1 varchar(100) null,
NT_CE_D2 varchar(100) null,
NT_CE_D3 varchar(100) null,
CO_RS_I1 varchar(100) null,
CO_RS_I2 varchar(100) null,
CO_RS_I3 varchar(100) null,
CO_RS_I4 varchar(100) null,
CO_RS_I5 varchar(100) null,
CO_RS_I6 varchar(100) null,
CO_RS_I7 varchar(100) null,
CO_RS_I8 varchar(100) null,
CO_RS_I9 varchar(100) null,
QE_I01 varchar(100) null,

QE_I02	varchar(100) null,
QE_I03	varchar(100) null,
QE_I04	varchar(100) null,
QE_I05	varchar(100) null,
QE_I06	varchar(100) null,
QE_I07	varchar(100) null,
QE_I08	varchar(100) null,
QE_I09	varchar(100) null,
QE_I10	varchar(100) null,
QE_I11	varchar(100) null,
QE_I12	varchar(100) null,
QE_I13	varchar(100) null,
QE_I14	varchar(100) null,
QE_I15	varchar(100) null,
QE_I16	varchar(100) null,
QE_I17	varchar(100) null,
QE_I18	varchar(100) null,
QE_I19	varchar(100) null,
QE_I20	varchar(100) null,
QE_I21	varchar(100) null,
QE_I22	varchar(100) null,
QE_I23	varchar(100) null,
QE_I24	varchar(100) null,
QE_I25	varchar(100) null,
QE_I26	varchar(100) null,
QE_I27	varchar(100) null,
QE_I28	varchar(100) null,
QE_I29	varchar(100) null,
QE_I30	varchar(100) null,
QE_I31	varchar(100) null,
QE_I32	varchar(100) null,
QE_I33	varchar(100) null,
QE_I34	varchar(100) null,
QE_I35	varchar(100) null,
QE_I36	varchar(100) null,
QE_I37	varchar(100) null,
QE_I38	varchar(100) null,
QE_I39	varchar(100) null,
QE_I40	varchar(100) null,
QE_I41	varchar(100) null,
QE_I42	varchar(100) null,
QE_I43	varchar(100) null,
QE_I44	varchar(100) null,
QE_I45	varchar(100) null,
QE_I46	varchar(100) null,
QE_I47	varchar(100) null,
QE_I48	varchar(100) null,

QE_I49	varchar(100) null,
QE_I50	varchar(100) null,
QE_I51	varchar(100) null,
QE_I52	varchar(100) null,
QE_I53	varchar(100) null,
QE_I54	varchar(100) null,
QE_I55	varchar(100) null,
QE_I56	varchar(100) null,
QE_I57	varchar(100) null,
QE_I58	varchar(100) null,
QE_I59	varchar(100) null,
QE_I60	varchar(100) null,
QE_I61	varchar(100) null,
QE_I62	varchar(100) null,
QE_I63	varchar(100) null,
QE_I64	varchar(100) null,
QE_I65	varchar(100) null,
QE_I66	varchar(100) null,
QE_I67	varchar(100) null,
QE_I68	varchar(100) null,
QE_I69	varchar(100) null,
QE_I70	varchar(100) null,
QE_I71	varchar(100) null,
QE_I72	varchar(100) null,
QE_I73	varchar(100) null,
QE_I74	varchar(100) null,
QE_I75	varchar(100) null,
QE_I76	varchar(100) null,
QE_I77	varchar(100) null,
QE_I78	varchar(100) null,
QE_I79	varchar(100) null,
QE_I80	varchar(100) null,
QE_I81	varchar(100) null

);

Questão 4

Para cada ano foi criado um *node* dentro Knime, esses *nodes* utilizam o CSV *reader* e contemplam os dados importados do *UnzipFile*. Foi realizada as configurações do CSV *reader* na aba *Settings* com os delimitadores para colunas “Column delimiter” “;”, o check box “has column header” foi marcado. Na aba *Transformation* foi trocada a ordem de acordo com as questões importadas do *Unzip Files* e o tipo “Type” de dados foi trocado para *VARCHAR*, tendo em vista que a manipulação desse tipo de dados é mais fácil. Na aba *Advanced Settings* o *encoding* foi alterado para UTF-8. Esse mesmo processo foi repetido.

Dialog - 0:3 - CSV Reader (6 - Dados 2019)

File

Settings Transformation Advanced Settings Limit Rows Encoding Flow Variables Memory Policy

Input location

Read from Custom/KNIME URL Timeout 1.000

Custom/KNIME URL does not support listing/browsing of files. You can enter the path in the text box below.

Mode ☒ File ☐ Files in folder

URL knime://LOCAL/enad/2019/3.DADOS/microdados_enade_2019.txt Browse...

Reader options

Format

Autodetect format

Column delimiter ; Row delimiter ☒ Line break ☐ Custom \r\n

Quote char " Quote escape char \"

Comment char #

☒ Has column header ☐ Has row ID

☐ Support short data rows ☐ Prepend file index to row ID

Preview

✓ Data analysis successfully completed.

Row ID	\$ NU_ANO	\$ CO_IES	\$ CO_CA...	\$ CO_OR...	\$ CO_GR...	\$ CO_CU...	\$ CO_MO...	\$ CO_MU...	\$ CO_...
Row0	2019	1	10002	10028	5710	3	1	5103403	51
Row1	2019	1	10002	10028	5710	3	1	5103403	51
Row2	2019	1	10002	10028	5710	3	1	5103403	51

OK Apply Cancel ?

Figura 5
Aba Settings dos dados de 2019

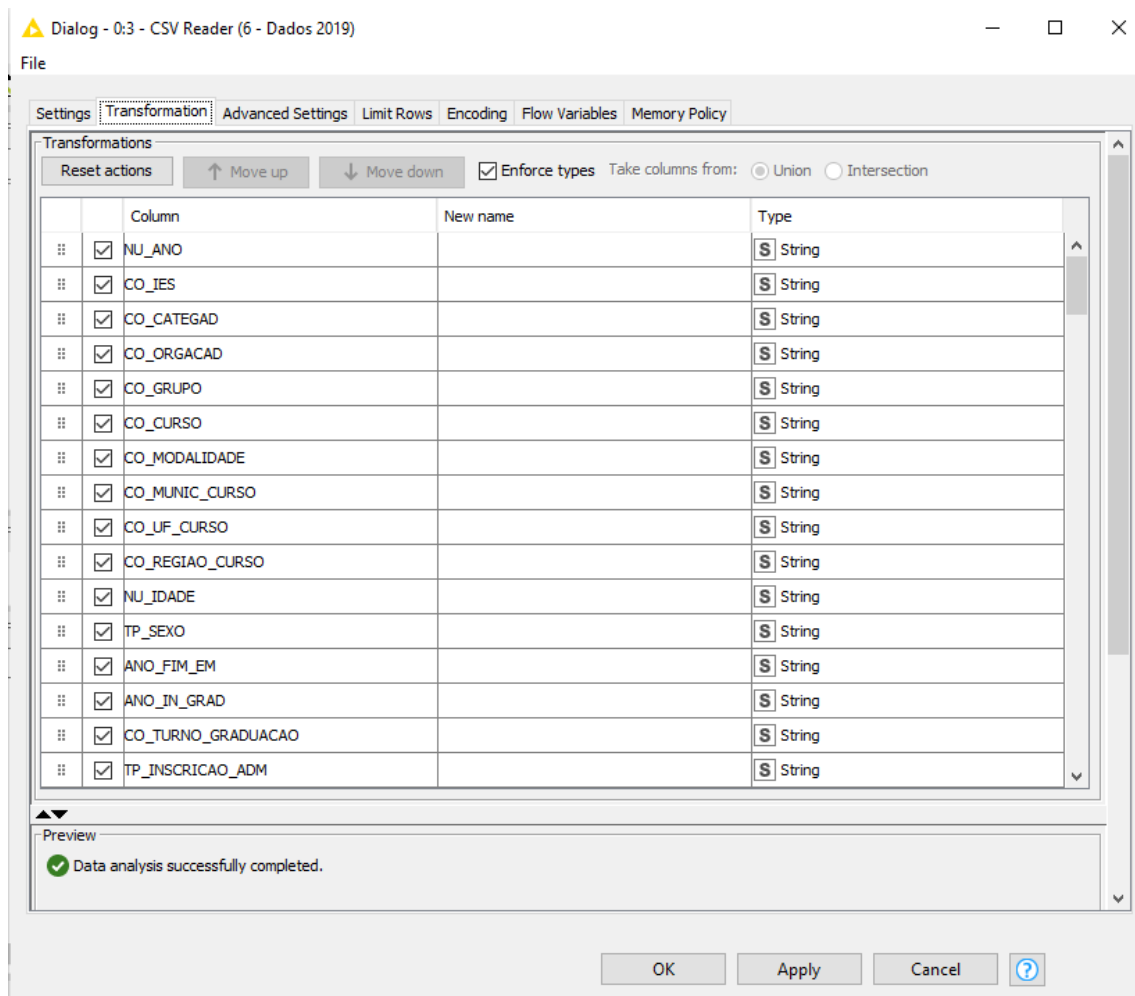


Figura 6
Aba Transformation dos dados de 2019

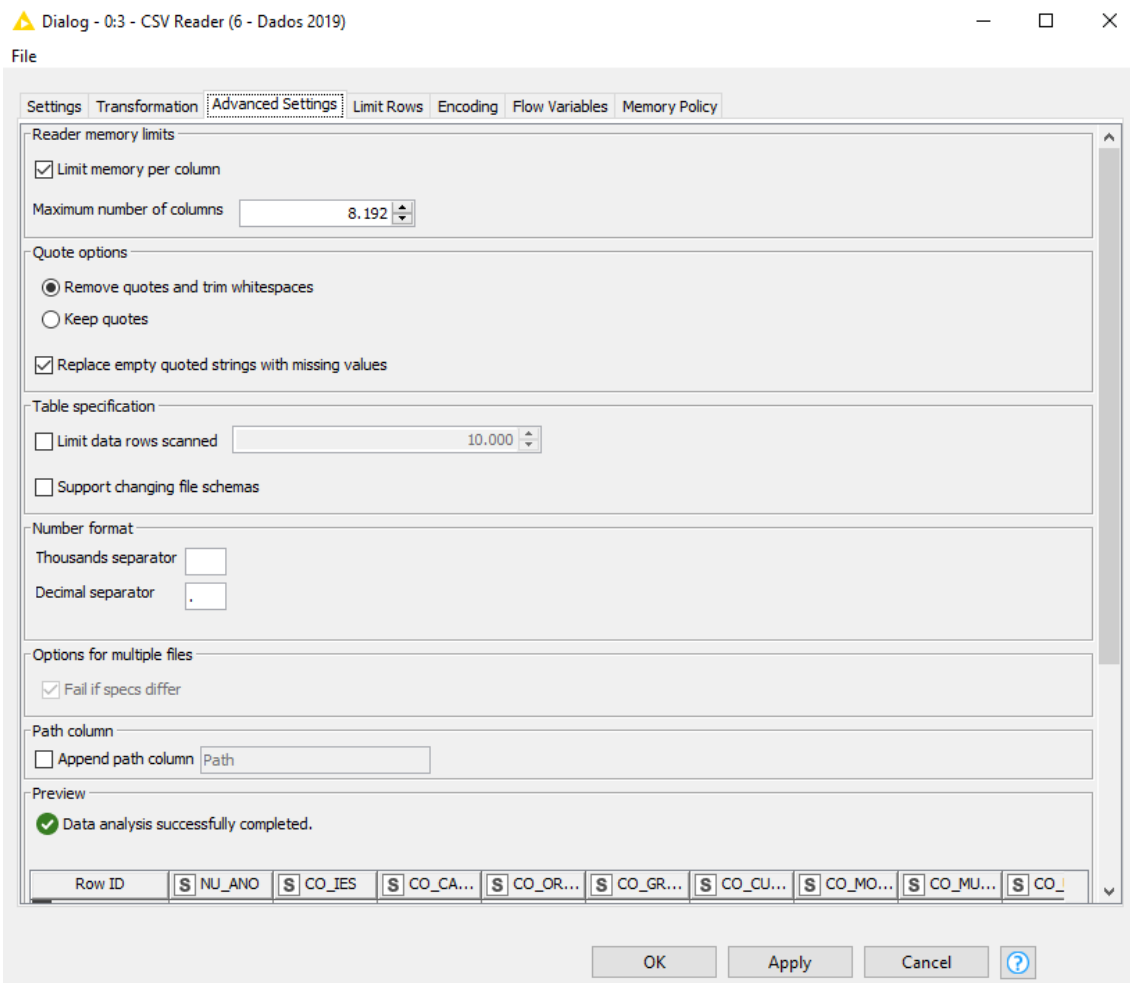


Figura 7
Aba *Advances Settings* dos dados de 2019

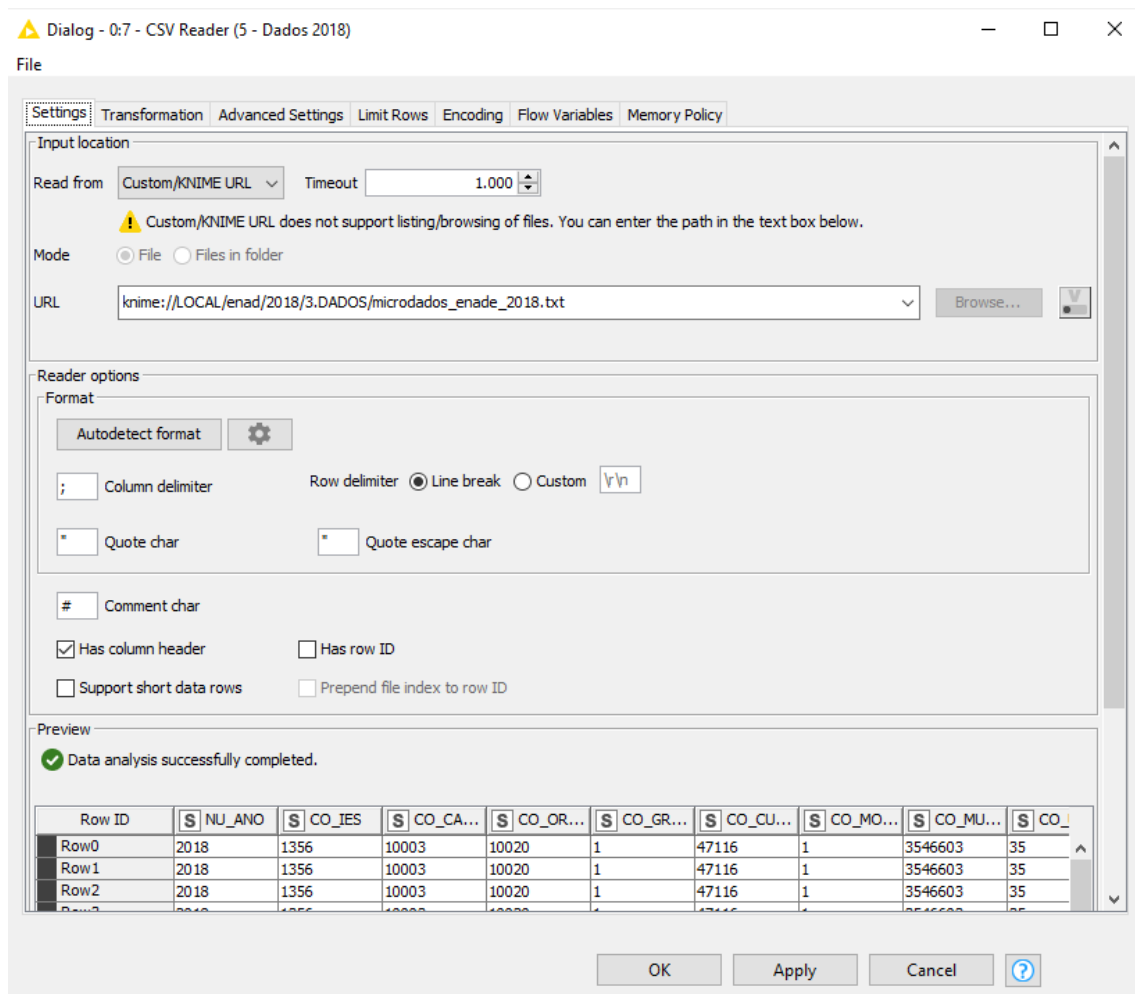


Figura 8
Aba *Settings* dos dados de 2018

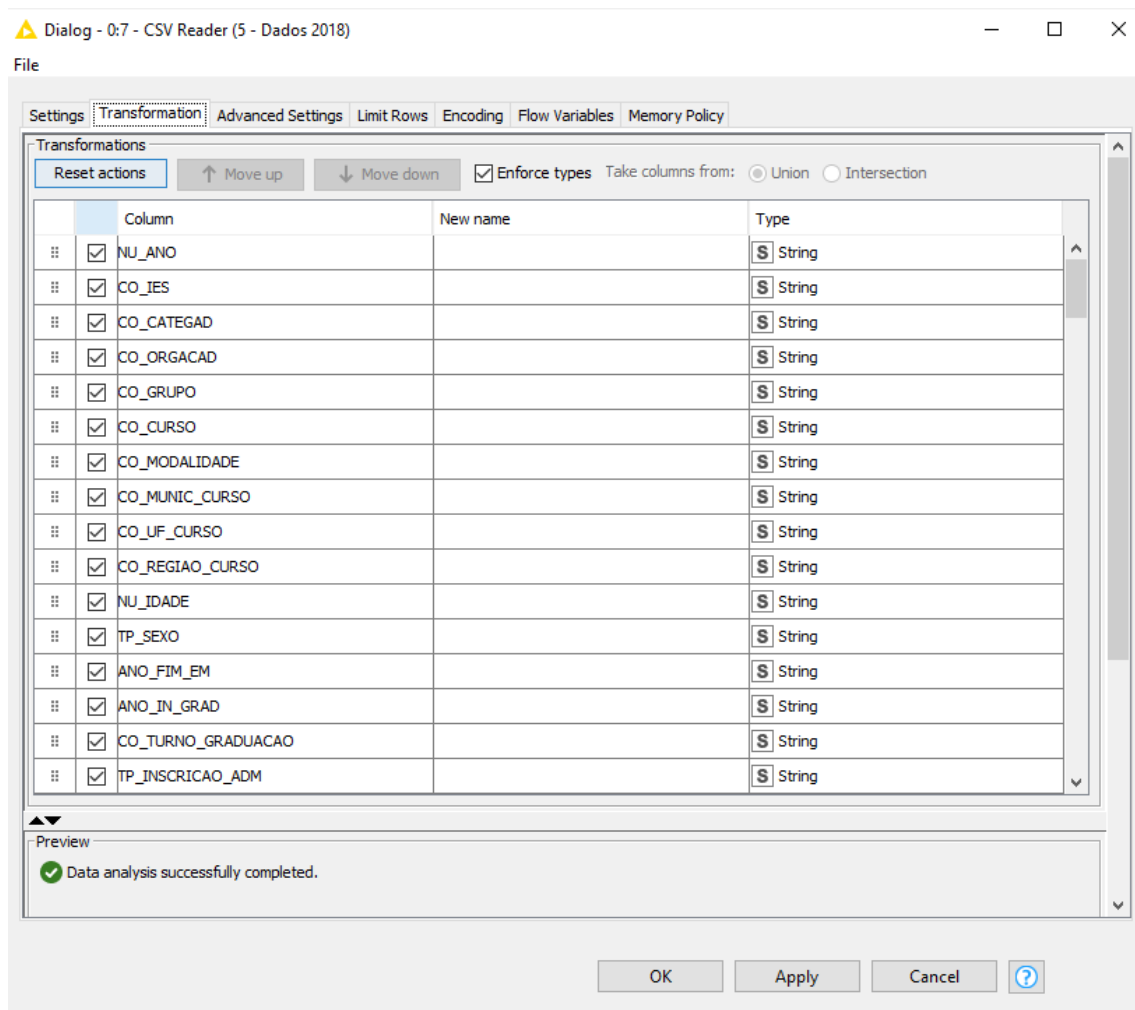


Figura 9
Aba *Transformation* dos dados de 2018

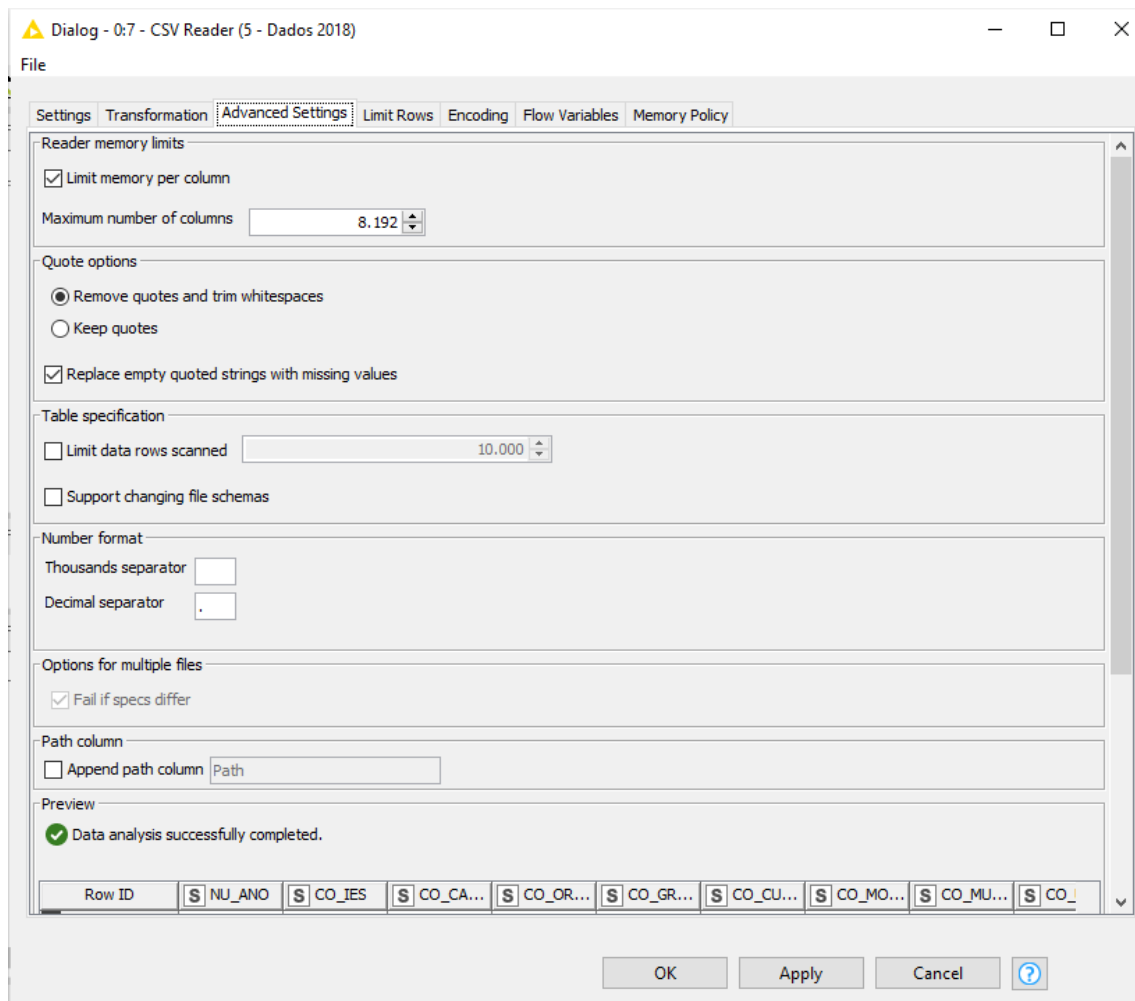


Figura 10
Aba *Advanced Settings* dos dados de 2018

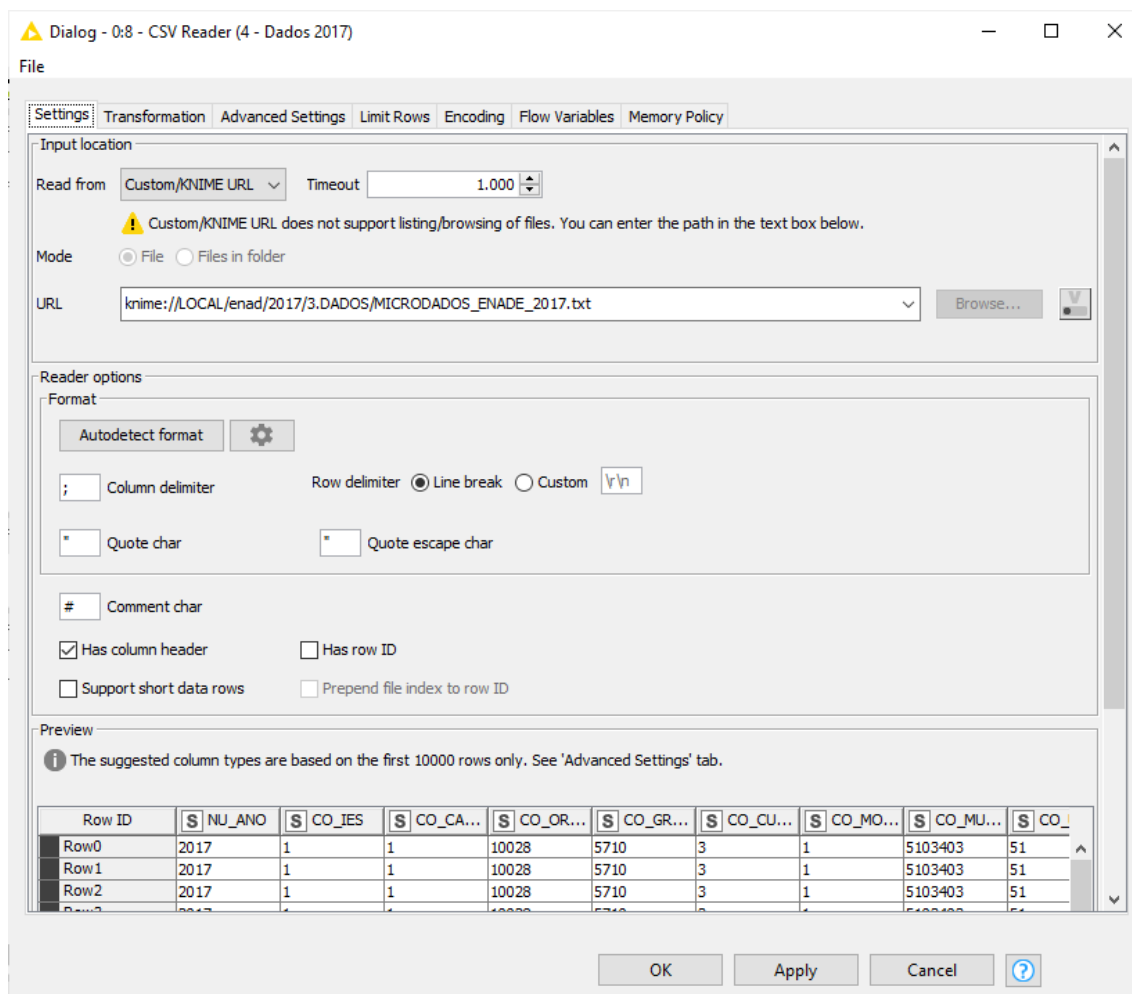


Figura 11
Aba *Settings* dos dados de 2017

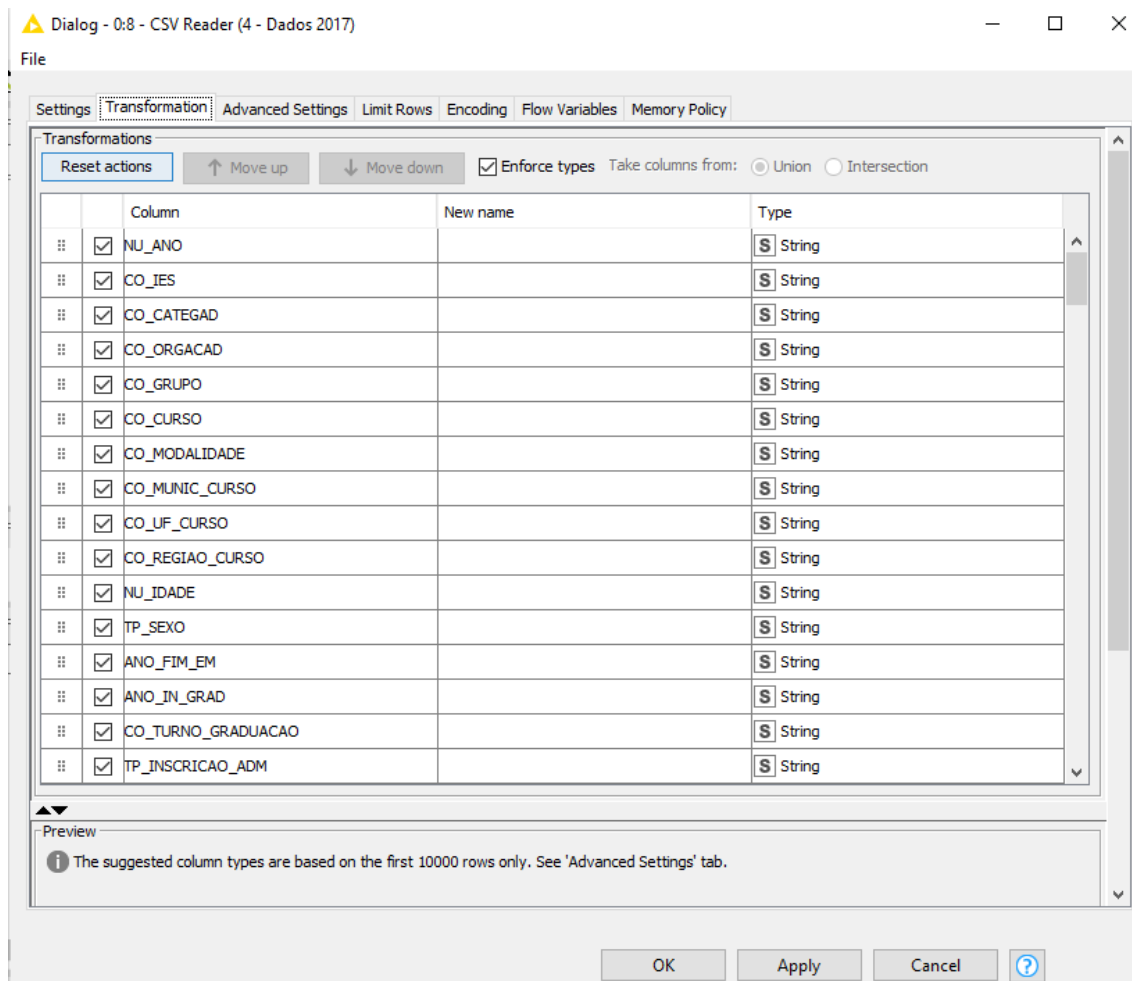


Figura 12
Aba Transformation dos dados de 2017

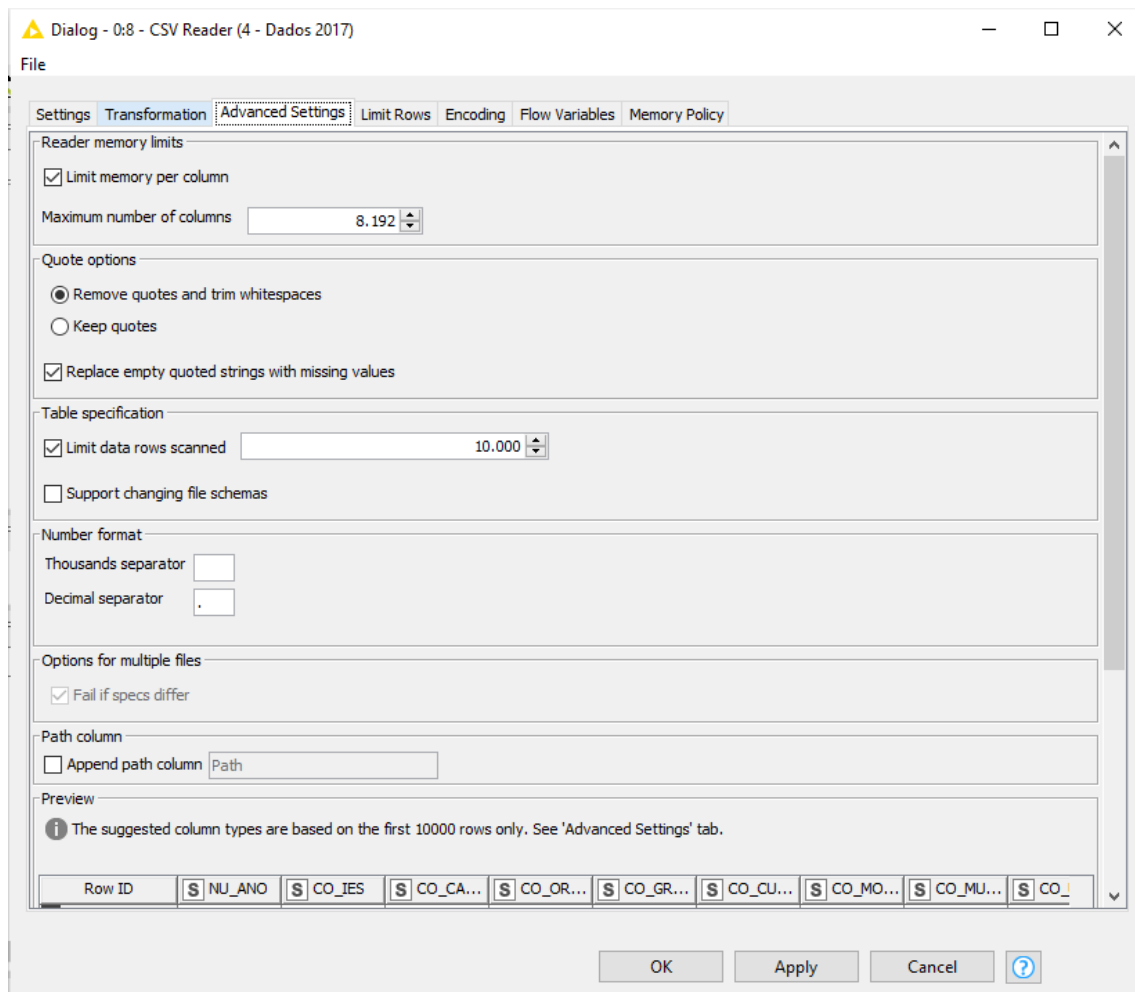


Figura 13
Aba *Advanced Settings* dos dados de 2017

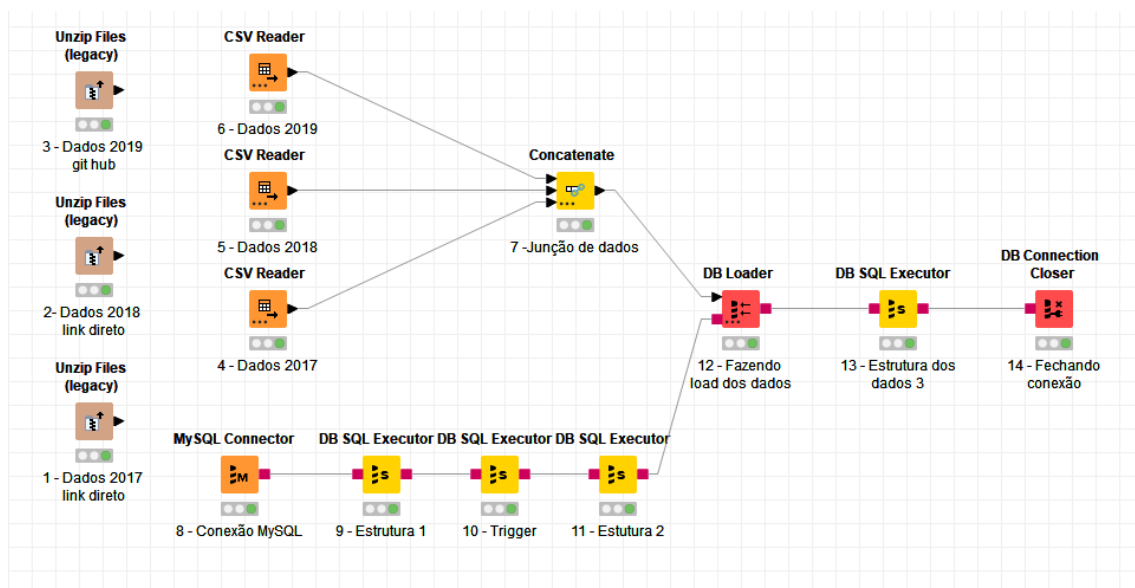


Figura 14
Fluxo completo do Knime

Número 1 – Unizip Files (Legacy), fazer o *download* dos dados de 2017, já descrito.

Número 2 – Unizip Files (Legacy), fazer o *download* dos dados de 2018, já descrito.

Número 3 – Unizip Files (Legacy), fazer o *download* dos dados de 2019, já descrito.

Número 4 – CSV Reader com os dados de 2017, já descrito.

Número 5 – CSV Reader com os dados de 2018, já descrito.

Número 6 – CSV Reader com os dados de 2019, já descrito.

Número 7 – *Concatenate* junta todos os arquivos CSV em um único lugar.

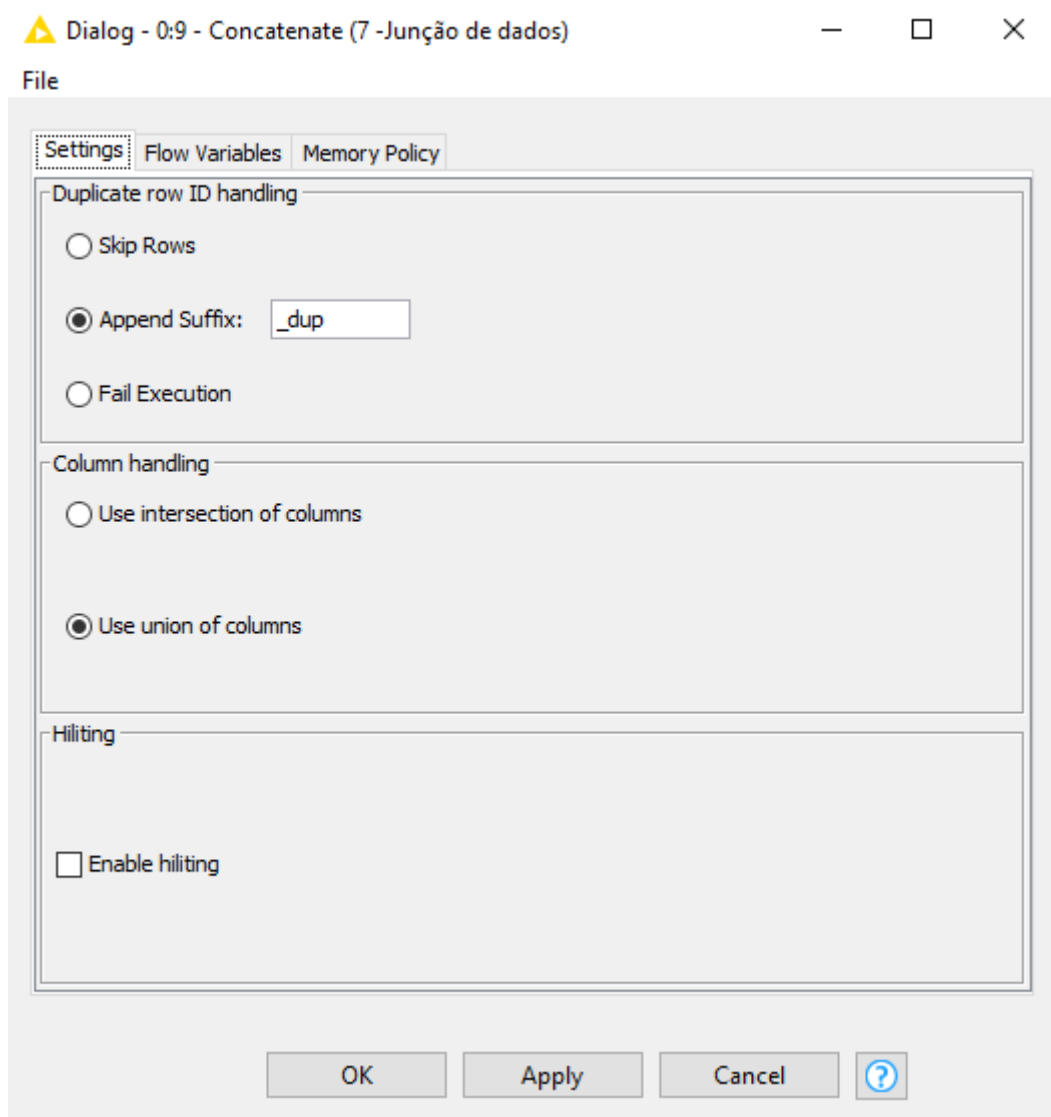


Figura 15
Configurações do *Concatenate*

Número 8 – *MySQL Conector* cria a conexão MySQL aqui definimos o ip usuario e senha.

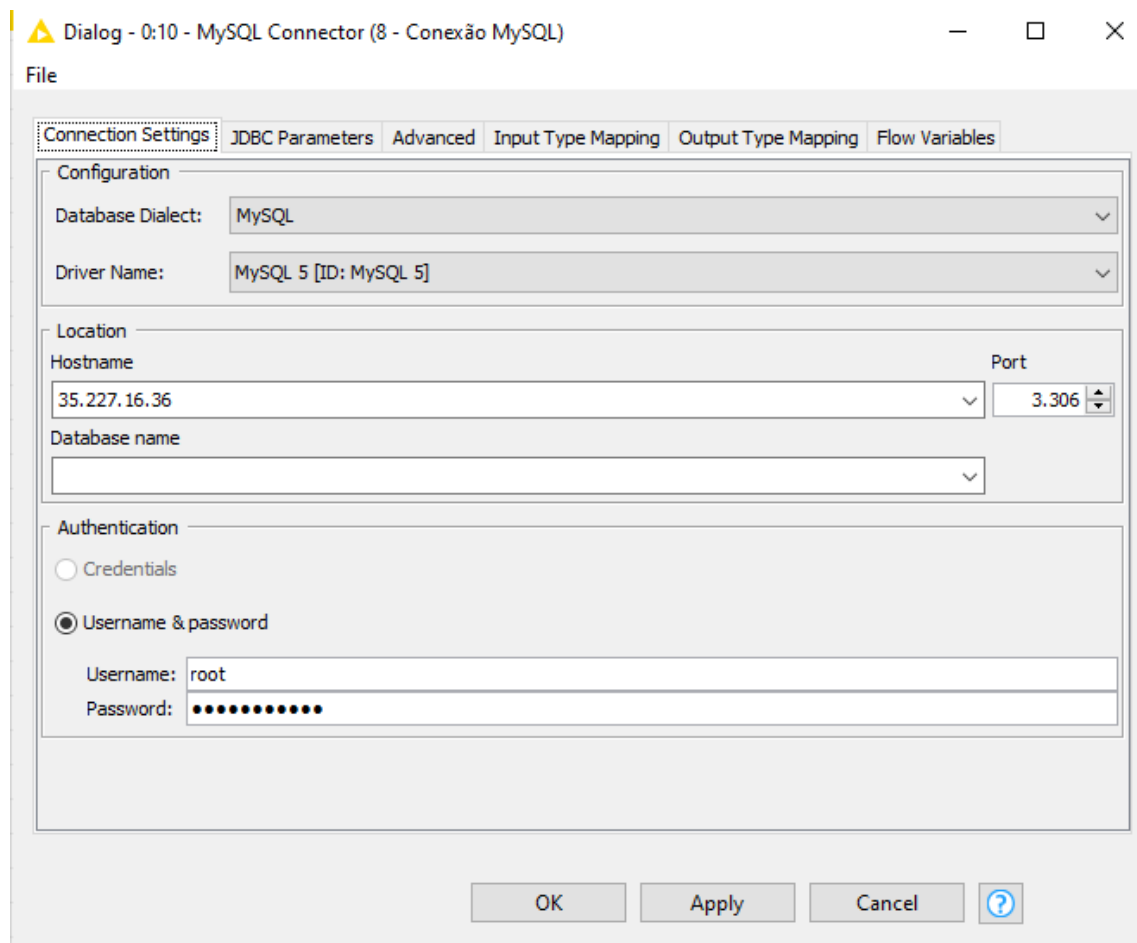


Figura 16
Configurações da conexão MySQL

Número 9 – Nesse primeiro *DB SQL Executor* temos a execução do primeiro script. Descrito na parte de criação do banco de dados.

Número 10 – Nesse segundo *DB SQL Executor* criamos a *Trigger*. Descrito na parte de criação do banco de dados.

Número 11 – Nesse terceiro *DB SQL Executor* continuamos a criar o banco, na parte foi criada a "tabela_aux", que está descrita na parte de criação do banco.

Número 12 – No DB Loader, temos o *loader* de todos os dados.

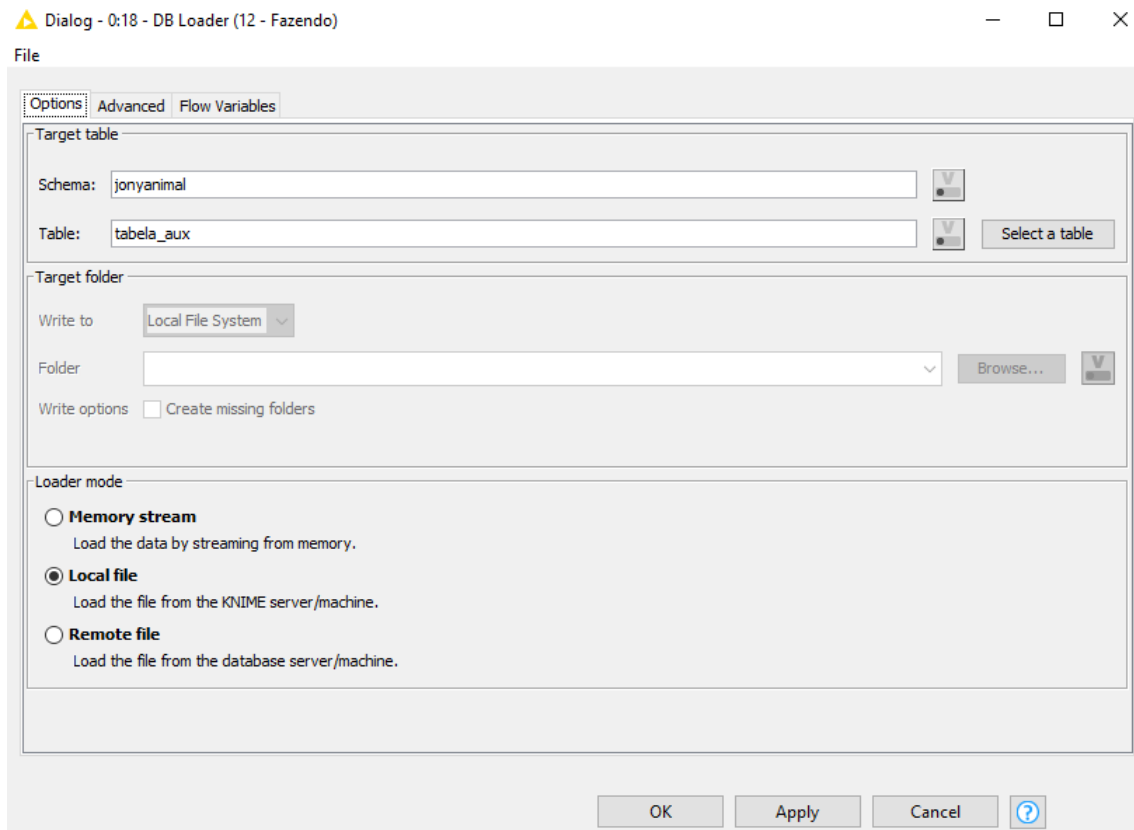


Figura 17
Configuração do DB Loader

Número 13 – Nesse último *DB SQL Executor*, temos a criação do `id_aux` e a inserção dos dados nas outras tabelas.

```
/*
Arquivo para ser usado depois que for inserido a carga de dados na tabela aux
*/
USE jonyanimal;

/*tratando os dados vazios e nulos*/
ALTER TABLE tabela_aux ADD id_aux INT PRIMARY KEY AUTO_INCREMENT;
UPDATE tabela_aux SET
  NU_ANO = IF(NU_ANO in ('','NA',' '),NULL,NU_ANO)
,CO_IES = IF(CO_IES in ('','NA',' '),NULL,CO_IES)
,CO_CATEGAD = IF(CO_CATEGAD in ('','NA',' '),NULL,CO_CATEGAD)
,CO_ORGACAD = IF(CO_ORGACAD in ('','NA',' '),NULL,CO_ORGACAD)
,CO_GRUPO = IF(CO_GRUPO in ('','NA',' '),NULL,CO_GRUPO)
,CO_CURSO = IF(CO_CURSO in ('','NA',' '),NULL,CO_CURSO)
,CO_MODALIDADE = IF(CO_MODALIDADE in ('','NA',' '),NULL,CO_MODALIDADE)
,CO_MUNIC_CURSO = IF(CO_MUNIC_CURSO in ('','NA',' '),NULL,CO_MUNIC_CURSO)
,CO_UF_CURSO = IF(CO_UF_CURSO in ('','NA',' '),NULL,CO_UF_CURSO)
,CO_REGIAO_CURSO = IF(CO_REGIAO_CURSO in ('','NA',' '),NULL,CO_REGIAO_CURSO)
,NU_IDADE = IF(NU_IDADE in ('','NA',' '),NULL,NU_IDADE)
,TP_SEXO = IF(TP_SEXO in ('','NA',' '),NULL,TP_SEXO)
```

```

,ANO_FIM_EM = IF(ANO_FIM_EM in ('','NA',' '),NULL,ANO_FIM_EM)
,ANO_IN_GRAD = IF(ANO_IN_GRAD in ('','NA',' '),NULL,ANO_IN_GRAD)
,CO_TURNO_GRADUACAO = IF(CO_TURNO_GRADUACAO in ('','NA',' '),NULL,CO_TURNO_GRADUACAO)
,TP_INSCRICAO_ADM = IF(TP_INSCRICAO_ADM in ('','NA',' '),NULL,TP_INSCRICAO_ADM)
,TP_INSCRICAO = IF(TP_INSCRICAO in ('','NA',' '),NULL,TP_INSCRICAO)
,NU_ITEM_OFG = IF(NU_ITEM_OFG in ('','NA',' '),NULL,NU_ITEM_OFG)
,NU_ITEM_OFG_Z = IF(NU_ITEM_OFG_Z in ('','NA',' '),NULL,NU_ITEM_OFG_Z)
,NU_ITEM_OFG_X = IF(NU_ITEM_OFG_X in ('','NA',' '),NULL,NU_ITEM_OFG_X)
,NU_ITEM_OFG_N = IF(NU_ITEM_OFG_N in ('','NA',' '),NULL,NU_ITEM_OFG_N)
,NU_ITEM_OCE = IF(NU_ITEM_OCE in ('','NA',' '),NULL,NU_ITEM_OCE)
,NU_ITEM_OCE_Z = IF(NU_ITEM_OCE_Z in ('','NA',' '),NULL,NU_ITEM_OCE_Z)
,NU_ITEM_OCE_X = IF(NU_ITEM_OCE_X in ('','NA',' '),NULL,NU_ITEM_OCE_X)
,NU_ITEM_OCE_N = IF(NU_ITEM_OCE_N in ('','NA',' '),NULL,NU_ITEM_OCE_N)
,DS_VT_GAB_OFG_ORIG = IF(DS_VT_GAB_OFG_ORIG in ('','NA',' '),NULL,DS_VT_GAB_OFG_ORIG)
,DS_VT_GAB_OFG_FIN = IF(DS_VT_GAB_OFG_FIN in ('','NA',' '),NULL,DS_VT_GAB_OFG_FIN)
,DS_VT_GAB_OCE_ORIG = IF(DS_VT_GAB_OCE_ORIG in ('','NA',' '),NULL,DS_VT_GAB_OCE_ORIG)
,DS_VT_GAB_OCE_FIN = IF(DS_VT_GAB_OCE_FIN in ('','NA',' '),NULL,DS_VT_GAB_OCE_FIN)
,DS_VT_ESC_OCE = IF(DS_VT_ESC_OCE in ('','NA',' '),NULL,DS_VT_ESC_OCE)
,DS_VT_ACE_OCE = IF(DS_VT_ACE_OCE in ('','NA',' '),NULL,DS_VT_ACE_OCE)
,TP_PRES = IF(TP_PRES in ('','NA',' '),NULL,TP_PRES)
,TP_PR_GER = IF(TP_PR_GER in ('','NA',' '),NULL,TP_PR_GER)
,DS_VT_ESC_OFG = IF(DS_VT_ESC_OFG in ('','NA',' '),NULL,DS_VT_ESC_OFG)
,DS_VT_ACE_OFG = IF(DS_VT_ACE_OFG in ('','NA',' '),NULL,DS_VT_ACE_OFG)
,TP_PR_OB_FG = IF(TP_PR_OB_FG in ('','NA',' '),NULL,TP_PR_OB_FG)
,TP_PR_DI_FG = IF(TP_PR_DI_FG in ('','NA',' '),NULL,TP_PR_DI_FG)
,TP_PR_OB_CE = IF(TP_PR_OB_CE in ('','NA',' '),NULL,TP_PR_OB_CE)
,TP_PR_DI_CE = IF(TP_PR_DI_CE in ('','NA',' '),NULL,TP_PR_DI_CE)
,TP_SFG_D1 = IF(TP_SFG_D1 in ('','NA',' '),NULL,TP_SFG_D1)
,TP_SFG_D2 = IF(TP_SFG_D2 in ('','NA',' '),NULL,TP_SFG_D2)
,TP_SCE_D1 = IF(TP_SCE_D1 in ('','NA',' '),NULL,TP_SCE_D1)
,TP_SCE_D2 = IF(TP_SCE_D2 in ('','NA',' '),NULL,TP_SCE_D2)
,TP_SCE_D3 = IF(TP_SCE_D3 in ('','NA',' '),NULL,TP_SCE_D3)
,NT_GER = IF(NT_GER in ('','NA',' '),NULL,NT_GER)
,NT_FG = IF(NT_FG in ('','NA',' '),NULL,NT_FG)
,NT_OBJ_FG = IF(NT_OBJ_FG in ('','NA',' '),NULL,NT_OBJ_FG)
,NT_DIS_FG = IF(NT_DIS_FG in ('','NA',' '),NULL,NT_DIS_FG)
,NT_FG_D1 = IF(NT_FG_D1 in ('','NA',' '),NULL,NT_FG_D1)
,NT_FG_D1_PT = IF(NT_FG_D1_PT in ('','NA',' '),NULL,NT_FG_D1_PT)
,NT_FG_D1_CT = IF(NT_FG_D1_CT in ('','NA',' '),NULL,NT_FG_D1_CT)
,NT_FG_D2 = IF(NT_FG_D2 in ('','NA',' '),NULL,NT_FG_D2)
,NT_FG_D2_PT = IF(NT_FG_D2_PT in ('','NA',' '),NULL,NT_FG_D2_PT)

```

```

,NT_FG_D2_CT = IF(NT_FG_D2_CT in ('','NA',' '),NULL,NT_FG_D2_CT)
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,NT_CE_D2 = IF(NT_CE_D2 in ('','NA',' '),NULL,NT_CE_D2)
,NT_CE_D3 = IF(NT_CE_D3 in ('','NA',' '),NULL,NT_CE_D3)
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,CO_RS_I5 = IF(CO_RS_I5 in ('','NA',' '),NULL,CO_RS_I5)
,CO_RS_I6 = IF(CO_RS_I6 in ('','NA',' '),NULL,CO_RS_I6)
,CO_RS_I7 = IF(CO_RS_I7 in ('','NA',' '),NULL,CO_RS_I7)
,CO_RS_I8 = IF(CO_RS_I8 in ('','NA',' '),NULL,CO_RS_I8)
,CO_RS_I9 = IF(CO_RS_I9 in ('','NA',' '),NULL,CO_RS_I9)
,QE_I01 = IF(QE_I01 in ('','NA',' '),NULL,QE_I01)
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,QE_I71 = IF(QE_I71 in ('','NA',' '),NULL,QE_I71)
,QE_I72 = IF(QE_I72 in ('','NA',' '),NULL,QE_I72)
,QE_I73 = IF(QE_I73 in ('','NA',' '),NULL,QE_I73)
,QE_I74 = IF(QE_I74 in ('','NA',' '),NULL,QE_I74)
,QE_I75 = IF(QE_I75 in ('','NA',' '),NULL,QE_I75)
,QE_I76 = IF(QE_I76 in ('','NA',' '),NULL,QE_I76)
,QE_I77 = IF(QE_I77 in ('','NA',' '),NULL,QE_I77)
,QE_I78 = IF(QE_I78 in ('','NA',' '),NULL,QE_I78)

```
,QE_I79 = IF(QE_I79 in ('','NA',' '),NULL,QE_I79)
,QE_I80 = IF(QE_I80 in ('','NA',' '),NULL,QE_I80)
,QE_I81 = IF(QE_I81 in ('','NA',' '),NULL,QE_I81);
```

```
/*
inserindo todas as instituicoes encontradas na base de dados
*/
insert ignore into TBInstituicao (Cod_OrganizacaoAcademica, Cod_Categoria,
Cod_AreaDoCurso, Cod_Curso, Cod_Modalidade)
select CO_ORGACAD,CO_CATEGAD,CO_GRUPO,CO_CURSO,CO_MODALIDADE from
tabela_aux;
```

```
/*
inserindo os tipos de presenca
*/
insert ignore into TBTipoPresenca (
Cod_Enade
, Cod_Prova
, Cod_ObjativaGeral
, Cod_DiscursivaGeral
, Cod_ObjativaEspecifico
, Cod_DiscursivaEspecifico)
```

```
SELECT TP_PRES
,TP_PR_GER
,TP_PR_OB_FG
,TP_PR_DI_FG
,TP_PR_OB_CE
,TP_PR_DI_CE
from tabela_aux;
```

```
-- inserindo os dados na base relacional
insert into TBEstudante(NR_Idade, DS_Sexo, AnoConclusaoEnsinoMedio,
AnoInicioGraduacao, DS_Turno, B_InscricaoAdm, B_Concluinte)
SELECT
NU_IDADE,TP_SEXO,ANO_FIM_EM,ANO_IN_GRAD,CO_TURNNO_GRADUACAO,TP_INSC
RICA_O_ADM,TP_INSCRICA_O from tabela_aux;
```

```
-- tirando as coisas que nao precisamos mais
DROP TRIGGER IF EXISTS TBEstudante_TR_ON_INSERT;
DROP TABLE jonyanimal.tabela_aux;
```

Número 14 – No *DB Conection Closer* fecha apenas a conexão.

Nessa sessão é apresentado o XML.

```
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19:23:05 -0300">
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ory"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="7" type="config">
</settings>
<setting key="external_spec" type="config">
</settings>
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<setting key="has_type" value="true" type="xboolean"/>
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</settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
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</setting>
</settings>
</setting>
<setting key="name" value="CO_MUNIC_CURSO" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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  <setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
  java.lang.String)" type="xstring"/>
  <setting key="_converter_src" value="java.lang.String" type="xstring"/>
  <setting key="_converter_dst" value="String" type="xstring"/>
  <setting key="_converter_name" value="String" type="xstring"/>
  <setting key="_converter_config" type="config">

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<settings/>
</setting>
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">

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<settings/>
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<setting key="_converter_config" type="config">
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</settings>

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</setting>
</settings>
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<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
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<setting key="_converter"
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java.lang.String)" type="xstring"/>
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<setting key="_converter_name" value="String" type="xstring"/>
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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type="xstring"/>
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<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</setting>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="type" type="config">
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<setting key="class" value="java.lang.Integer" type="xstring"/>
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</settings>
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value="class
java.lang.String->java.lang.String"
type="xstring"/>
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key="_converter"

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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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type="xstring"/>
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</setting>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>

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<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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<setting key="_converter_config" type="config">
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<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</settings>
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<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
<setting key="23" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NU_ITEM_OCE_X" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>

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</setting>
<setting key="name" value="NU_ITEM_OCE_X" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="23" type="xint"/>
<setting key="production_path" type="config">
<settings>
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java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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</settings>
</setting>
</settings>
</setting>
<setting key="24" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NU_ITEM_OCE_N" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NU_ITEM_OCE_N" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="24" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class

```

```

java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
<setting key="25" type="config">
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<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="DS_VT_GAB_OFG_ORIG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="25" type="xint"/>
<setting key="production_path" type="config">
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<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"

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type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="DS_VT_GAB_OFG_FIN" type="xstring"/>
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<setting key="production_path" type="config">
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>

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</setting>
</settings>
</setting>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="DS_VT_GAB_OCE_ORIG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="27" type="xint"/>
<setting key="production_path" type="config">
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                                                    key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
<setting key="28" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="DS_VT_GAB_OCE_FIN" type="xstring"/>

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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="DS_VT_GAB_OCE_FIN" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="28" type="xint"/>
<setting key="production_path" type="config">
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<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
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</setting>
</settings>
</setting>
<setting key="29" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="DS_VT_ESC_OFG" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>

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<setting key="name" value="DS_VT_ESC_OFG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="29" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
<setting key="30" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="DS_VT_ACE_OFG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="30" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>

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<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
<setting key="31" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="DS_VT_ESC_OCE" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="31" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>

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<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
<setting key="32" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="DS_VT_ACE_OCE" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="32" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                                                    key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting    key="_producer"    value="class    java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>

```

```

</settings>
</setting>
<setting key="33" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="TP_PRES" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_PRES" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="33" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="34" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="TP_PR_GER" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>

```

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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_PR_GER" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="34" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting
    key="_producer"
    value="class
    java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
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</settings>
</setting>
<setting key="35" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="TP_PR_OB_FG" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_PR_OB_FG" type="xstring"/>

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<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="35" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
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</setting>
<setting key="36" type="config">
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<setting key="name" value="TP_PR_DI_FG" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_PR_DI_FG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="36" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>

```

```

<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="37" type="config">
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<setting key="name" value="TP_PR_OB_CE" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_PR_OB_CE" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="37" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>

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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="38" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
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</setting>
</settings>
</setting>
<setting key="name" value="TP_PR_DI_CE" type="xstring"/>
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<setting key="position" value="38" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting
key="_producer"
value="class
java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
</settings>

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</setting>
<setting key="39" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="TP_SFG_D1" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_SFG_D1" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="39" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="40" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="TP_SFG_D2" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">

```

```

<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_SFG_D2" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="40" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
<setting key="41" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="TP_SCE_D1" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_SCE_D1" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>

```



```

<setting key="position" value="41" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="42" type="config">
<settings>
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<settings>
<setting key="name" value="TP_SCE_D2" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_SCE_D2" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="42" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>

```

```

<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="43" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="TP_SCE_D3" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_SCE_D3" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="43" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>

```

```

<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="44" type="config">
<settings>
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<settings>
<setting key="name" value="NT_GER" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_GER" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="44" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                                                    key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>

```

```

<setting key="45" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_FG" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="45" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="46" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_OBJ_FG" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>

```

```

<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_OBJ_FG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="46" type="xint"/>
<setting key="production_path" type="config">
</settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
</settings>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
</settings>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="47" type="config">
</settings>
<setting key="external_spec" type="config">
</settings>
<setting key="name" value="NT_DIS_FG" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
</settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_DIS_FG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="47" type="xint"/>

```

```

<setting key="production_path" type="config">
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<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
<setting key="48" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_FG_D1" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG_D1" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>

```

```

<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="49" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_FG_D1_PT" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG_D1_PT" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="49" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>

```

```

<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="50" type="config">
<settings>
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<settings>
<setting key="name" value="NT_FG_D1_CT" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG_D1_CT" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="50" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
<setting key="51" type="config">

```



```

<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_FG_D2" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG_D2" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="51" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="52" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_FG_D2_PT" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>

```

```

</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG_D2_PT" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="52" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="53" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_FG_D2_CT" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG_D2_CT" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="53" type="xint"/>
<setting key="production_path" type="config">

```

```

<settings>
  <setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
  java.lang.String)" type="xstring"/>
  <setting key="_converter_src" value="java.lang.String" type="xstring"/>
  <setting key="_converter_dst" value="String" type="xstring"/>
  <setting key="_converter_name" value="String" type="xstring"/>
  <setting key="_converter_config" type="config">
</settings>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
</settings>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="54" type="config">
</settings>
<setting key="external_spec" type="config">
</settings>
<setting key="name" value="NT_CE" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
</settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_CE" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
</settings>
  <setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
  java.lang.String)" type="xstring"/>
  <setting key="_converter_src" value="java.lang.String" type="xstring"/>
  <setting key="_converter_dst" value="String" type="xstring"/>
  <setting key="_converter_name" value="String" type="xstring"/>
  <setting key="_converter_config" type="config">

```

```

<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="55" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_OBJ_CE" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_OBJ_CE" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
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type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">

```

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<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="56" type="config">
<settings>
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<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
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</setting>
<setting key="name" value="NT_DIS_CE" type="xstring"/>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="57" type="config">
<settings>

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<setting key="external_spec" type="config">
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<setting key="name" value="NT_CE_D1" type="xstring"/>
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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_CE_D1" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
<setting key="58" type="config">
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<setting key="external_spec" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>

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</setting>
</settings>
</setting>
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<setting key="position" value="58" type="xint"/>
<setting key="production_path" type="config">
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<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
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</setting>
<setting key="59" type="config">
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<setting key="external_spec" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_CE_D3" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="59" type="xint"/>
<setting key="production_path" type="config">
<settings>

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<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
<setting key="60" type="config">
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<setting key="external_spec" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I1" type="xstring"/>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>

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</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
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</setting>
</settings>
</setting>
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<setting key="keep" value="true" type="xboolean"/>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
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type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
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</settings>
</setting>
<setting key="62" type="config">
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<settings>
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<setting key="type" type="config">
<settings>
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</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I3" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
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</settings>
</setting>
<setting key="63" type="config">
<settings>
<setting key="external_spec" type="config">

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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I4" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="63" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="64" type="config">
<settings>
<setting key="external_spec" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>

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</settings>
</setting>
<setting key="name" value="CO_RS_I5" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting
key="_producer"
value="class
java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="65" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="CO_RS_I6" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I6" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="65" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"

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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="66" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="CO_RS_I7" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I7" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>

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<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
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<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I8" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>

```

```

</settings>
</setting>
</settings>
</setting>
<setting key="68" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I9" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</settings>
</setting>
<setting key="69" type="config">
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<setting key="external_spec" type="config">
<settings>

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<setting key="name" value="QE_I01" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I01" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="69" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="70" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I02" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>

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</setting>
<setting key="name" value="QE_I02" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="70" type="xint"/>
<setting key="production_path" type="config">
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<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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<setting key="71" type="config">
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<setting key="type" type="config">
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</setting>
</settings>
</setting>
<setting key="name" value="QE_I03" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="71" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class

```

```

java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="72" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I04" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I04" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="72" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"

```

```

type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
<setting key="73" type="config">
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<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I05" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I05" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>

```

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</setting>
</settings>
</setting>
<setting key="74" type="config">
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<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
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<setting key="class" value="java.lang.String" type="xstring"/>
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</setting>
</settings>
</setting>
<setting key="name" value="QE_I06" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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                                key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
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</setting>
<setting key="75" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I07" type="xstring"/>

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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I07" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="75" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="76" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I08" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>

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<setting key="name" value="QE_I08" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="76" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="77" type="config">
<settings>
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<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
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</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I09" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="77" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>

```

```

<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
<setting key="78" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I10" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>

```

```

<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
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<setting key="79" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l11" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="79" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>

```



```

</settings>
</setting>
<setting key="80" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I12" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="80" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
<setting key="81" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I13" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>

```

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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l13" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="81" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="82" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l14" type="xstring"/>

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<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="82" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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</settings>
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</settings>
</setting>
<setting key="83" type="config">
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<setting key="external_spec" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I15" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
                                key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>

```

```

<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I16" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>

```

```

<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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<setting key="85" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I17" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
</settings>

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</setting>
<setting key="86" type="config">
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<setting key="type" type="config">
<settings>
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</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I18" type="xstring"/>
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<settings>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
<setting key="87" type="config">
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<settings>
<setting key="name" value="QE_I19" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">

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<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
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</setting>
<setting key="name" value="QE_I19" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="name" value="QE_I20" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I20" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>

```

```

<setting key="position" value="88" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="89" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I21" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I21" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="89" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>

```



```

<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="90" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I22" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I22" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>

```

```

<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="91" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I23" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I23" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="91" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                                                    key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>

```

```

<setting key="92" type="config">
<settings>
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<settings>
<setting key="name" value="QE_I24" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I24" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="92" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="93" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>

```

```

<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I25" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="93" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="94" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I26" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I26" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="94" type="xint"/>

```

```

<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
<setting key="95" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I27" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I27" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="95" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>

```

```

<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="96" type="config">
<settings>
<setting key="external_spec" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I28" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="96" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>

```

```

<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="97" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I29" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="97" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
<setting key="98" type="config">

```

```

<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I30" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I30" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="98" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                                                    key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="99" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I31" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>

```



```

</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I31" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="99" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="100" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I32" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I32" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="100" type="xint"/>
<setting key="production_path" type="config">

```

```

<settings>
  <setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
  java.lang.String)" type="xstring"/>
  <setting key="_converter_src" value="java.lang.String" type="xstring"/>
  <setting key="_converter_dst" value="String" type="xstring"/>
  <setting key="_converter_name" value="String" type="xstring"/>
  <setting key="_converter_config" type="config">
</settings>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
</settings>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="101" type="config">
</settings>
<setting key="external_spec" type="config">
</settings>
<setting key="name" value="QE_I33" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
</settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I33" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="101" type="xint"/>
<setting key="production_path" type="config">
</settings>
  <setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
  java.lang.String)" type="xstring"/>
  <setting key="_converter_src" value="java.lang.String" type="xstring"/>
  <setting key="_converter_dst" value="String" type="xstring"/>
  <setting key="_converter_name" value="String" type="xstring"/>
  <setting key="_converter_config" type="config">

```

```

<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="102" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I34" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="102" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">

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```

<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="103" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I35" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I35" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="103" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="104" type="config">
<settings>

```

```

<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I36" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I36" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="104" type="xint"/>
<setting key="production_path" type="config">
<settings>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
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</settings>
</setting>
<setting key="105" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I37" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>

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</setting>
</settings>
</setting>
<setting key="name" value="QE_I37" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="105" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
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</settings>
</setting>
<setting key="106" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I38" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="106" type="xint"/>
<setting key="production_path" type="config">
<settings>

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<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
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<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I39" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>

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</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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</setting>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I40" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>

```



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</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="109" type="config">
<settings>
<setting key="external_spec" type="config">
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<setting key="type" type="config">
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<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l41" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<settings>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="110" type="config">
<settings>
<setting key="external_spec" type="config">

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<settings>
<setting key="name" value="QE_I42" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I42" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="110" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="111" type="config">
<settings>
<setting key="external_spec" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>

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</settings>
</setting>
<setting key="name" value="QE_l43" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
<setting key="112" type="config">
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<setting key="external_spec" type="config">
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<setting key="name" value="QE_l44" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l44" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="112" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"

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```

value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="113" type="config">
<settings>
<setting key="external_spec" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I45" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="113" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>

```

```

<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
<setting key="114" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l46" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>

```

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</settings>
</setting>
</settings>
</setting>
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<setting key="external_spec" type="config">
<settings>
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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l47" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
</settings>
</setting>
<setting key="116" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>

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<setting key="name" value="QE_l48" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l48" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="116" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="117" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>

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</setting>
<setting key="name" value="QE_I49" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="117" type="xint"/>
<setting key="production_path" type="config">
<settings>
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java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="118" type="config">
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<setting key="type" type="config">
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</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I50" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="118" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class

```



```

java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="119" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I51" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I51" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="119" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"

```

```

type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="120" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I52" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I52" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="120" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>

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</setting>
</settings>
</setting>
<setting key="121" type="config">
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<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I53" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
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<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I53" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="121" type="xint"/>
<setting key="production_path" type="config">
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<setting
                                key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="122" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I54" type="xstring"/>

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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I54" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="122" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="123" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>

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<setting key="name" value="QE_I55" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="123" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
<setting key="124" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I56" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="124" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>

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<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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</setting>
</settings>
</setting>
<setting key="125" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I57" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I57" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="125" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>

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<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="126" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I58" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I58" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="126" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>

```

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</settings>
</setting>
<setting key="127" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I59" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I59" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="127" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
<setting key="128" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I60" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>

```



```

<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I60" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="128" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting
    key="_producer"
    value="class
    java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="129" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I61" type="xstring"/>

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<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="129" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="130" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I62" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="130" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>

```

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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="131" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I63" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="131" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>

```

```

<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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</setting>
<setting key="132" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I64" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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</settings>
</setting>
</settings>

```

```

</setting>
<setting key="133" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I65" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I65" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="133" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="134" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I66" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">

```

```

<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I66" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="134" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting
key="_producer"
value="class
java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
<setting key="135" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I67" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I67" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>

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```

<setting key="position" value="135" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="136" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I68" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="136" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>

```

```
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
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type="xstring"/>
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</settings>
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</settings>
</setting>
</settings>
</setting>
<setting key="table_transformation" type="config">
<settings>
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<setting key="columns" type="config">
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<setting key="0" type="config">
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</setting>
</settings>
</setting>
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java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
<setting key="1" type="config">
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<setting key="name" value="CO_IES" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>

```

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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
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</settings>
</setting>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
<setting key="2" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_CATEGAD" type="xstring"/>

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<setting key="keep" value="true" type="xboolean"/>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="3" type="config">
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<setting key="type" type="config">
<settings>
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</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_ORGACAD" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>

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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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</settings>
</setting>
<setting key="4" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_GRUPO" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>

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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
<setting key="5" type="config">
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<setting key="name" value="CO_CURSO" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_CURSO" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting
key="_producer"
value="class
java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>

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</setting>
<setting key="6" type="config">
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<settings>
<setting key="name" value="CO_MODALIDADE" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_MODALIDADE" type="xstring"/>
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<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
<setting key="7" type="config">
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<settings>
<setting key="name" value="CO_MUNIC_CURSO" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">

```

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<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
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</setting>
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</setting>
<setting key="name" value="CO_MUNIC_CURSO" type="xstring"/>
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java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
<setting key="8" type="config">
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<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_UF_CURSO" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>

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<setting key="position" value="8" type="xint"/>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
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<setting key="9" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
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<setting key="class" value="java.lang.Integer" type="xstring"/>
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</setting>
</settings>
</setting>
<setting key="name" value="CO_REGIAO_CURSO" type="xstring"/>
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<setting key="production_path" type="config">
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<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>

```

```

<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="10" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
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<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NU_IDADE" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>

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```

<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
</settings>
</setting>
<setting key="11" type="config">
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<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
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</settings>
</setting>
<setting key="name" value="TP_SEXO" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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                                                                    key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>

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<setting key="12" type="config">
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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="ANO_FIM_EM" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
<setting key="13" type="config">
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<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>

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```

<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
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</settings>
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<setting key="name" value="ANO_IN_GRAD" type="xstring"/>
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java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
</settings>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
<setting key="14" type="config">
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<setting key="external_spec" type="config">
</settings>
<setting key="name" value="CO_TURN0_GRADUACAO" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
</settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_TURN0_GRADUACAO" type="xstring"/>
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<setting key="production_path" type="config">
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java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="15" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_INSCRICAO_ADM" type="xstring"/>
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<setting key="position" value="15" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>

```



```

<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</setting>
</settings>
</setting>
<setting key="16" type="config">
<settings>
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<settings>
<setting key="name" value="TP_INSCRICAO" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_INSCRICAO" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="16" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>

```

```

<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="17" type="config">
<settings>
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<settings>
<setting key="name" value="NU_ITEM_OFG" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NU_ITEM_OFG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="17" type="xint"/>
<setting key="production_path" type="config">
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<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
</settings>
<setting key="18" type="config">

```

```

<settings>
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<setting key="name" value="NU_ITEM_OFG_Z" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NU_ITEM_OFG_Z" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="18" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                                                    key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
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type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="19" type="config">
<settings>
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<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>

```

```

</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NU_ITEM_OFG_X" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="19" type="xint"/>
<setting key="production_path" type="config">
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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</settings>
</setting>
</settings>
</setting>
<setting key="20" type="config">
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<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NU_ITEM_OFG_N" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="20" type="xint"/>
<setting key="production_path" type="config">

```

```

<settings>
  <setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
  <setting key="_converter_src" value="java.lang.String" type="xstring"/>
  <setting key="_converter_dst" value="String" type="xstring"/>
  <setting key="_converter_name" value="String" type="xstring"/>
  <setting key="_converter_config" type="config">
</settings>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
</settings>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="21" type="config">
</settings>
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</settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
</settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NU_ITEM_OCE" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="21" type="xint"/>
<setting key="production_path" type="config">
</settings>
  <setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
  <setting key="_converter_src" value="java.lang.String" type="xstring"/>
  <setting key="_converter_dst" value="String" type="xstring"/>
  <setting key="_converter_name" value="String" type="xstring"/>
  <setting key="_converter_config" type="config">

```

```

<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
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</setting>
</settings>
</setting>
<setting key="name" value="NU_ITEM_OCE_Z" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">

```

```

<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="23" type="config">
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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NU_ITEM_OCE_X" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="23" type="xint"/>
<setting key="production_path" type="config">
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<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="24" type="config">
<settings>

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```

<setting key="external_spec" type="config">
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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NU_ITEM_OCE_N" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="24" type="xint"/>
<setting key="production_path" type="config">
<settings>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="25" type="config">
<settings>
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<settings>
<setting key="name" value="DS_VT_GAB_OFG_ORIG" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>

```



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</setting>
</settings>
</setting>
<setting key="name" value="DS_VT_GAB_OFG_ORIG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="25" type="xint"/>
<setting key="production_path" type="config">
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
<setting key="26" type="config">
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<settings>
<setting key="name" value="DS_VT_GAB_OFG_FIN" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="DS_VT_GAB_OFG_FIN" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="26" type="xint"/>
<setting key="production_path" type="config">
<settings>

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```

<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
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<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="DS_VT_GAB_OCE_ORIG" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="DS_VT_GAB_OCE_ORIG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="27" type="xint"/>
<setting key="production_path" type="config">
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<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>

```

```

</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="28" type="config">
<settings>
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<settings>
<setting key="name" value="DS_VT_GAB_OCE_FIN" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="DS_VT_GAB_OCE_FIN" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="28" type="xint"/>
<setting key="production_path" type="config">
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<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>

```

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</setting>
</settings>
</setting>
</settings>
</setting>
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<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="DS_VT_ESC_OFG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="29" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                                                    key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting    key="_producer"    value="class    java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</setting>
<setting key="30" type="config">
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<settings>
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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="DS_VT_ACE_OFG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="31" type="config">
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<setting key="external_spec" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>

```

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</settings>
</setting>
<setting key="name" value="DS_VT_ESC_OCE" type="xstring"/>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting
key="_producer"
value="class
java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="name" value="DS_VT_ACE_OCE" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="DS_VT_ACE_OCE" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="32" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"

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```

value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="33" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="TP_PRE" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_PRE" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="33" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>

```

```

<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="34" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="TP_PR_GER" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_PR_GER" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="34" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>

```



```

</settings>
</setting>
</settings>
</setting>
<setting key="35" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="TP_PR_OB_FG" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_PR_OB_FG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="35" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="36" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>

```

```

<setting key="name" value="TP_PR_DI_FG" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_PR_DI_FG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="36" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="37" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="TP_PR_OB_CE" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>

```

```

</setting>
<setting key="name" value="TP_PR_OB_CE" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="37" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="38" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="TP_PR_DI_CE" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_PR_DI_CE" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="38" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class

```

```

java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="39" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="TP_SFG_D1" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_SFG_D1" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="39" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"

```

```

type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="40" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="TP_SFG_D2" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_SFG_D2" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="40" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>

```

```

</setting>
</settings>
</setting>
<setting key="41" type="config">
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<setting key="external_spec" type="config">
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<setting key="name" value="TP_SCE_D1" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_SCE_D1" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="41" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting
    key="_producer"
    value="class
    java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="42" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="TP_SCE_D2" type="xstring"/>

```

```

<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_SCE_D2" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="42" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="43" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="TP_SCE_D3" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>

```

```

<setting key="name" value="TP_SCE_D3" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="43" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="44" type="config">
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<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_GER" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_GER" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="44" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>

```



```

<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="45" type="config">
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<setting key="name" value="NT_FG" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="45" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>

```

```

<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="46" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_OBJ_FG" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_OBJ_FG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="46" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>

```

```

</settings>
</setting>
<setting key="47" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_DIS_FG" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_DIS_FG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="47" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="48" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_FG_D1" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>

```

```

<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG_D1" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="48" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting
key="_producer"
value="class
java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="49" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_FG_D1_PT" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG_D1_PT" type="xstring"/>

```

```

<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="49" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="50" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG_D1_CT" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="50" type="xint"/>
<setting key="production_path" type="config">
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                                key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>

```

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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="51" type="config">
<settings>
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<settings>
<setting key="name" value="NT_FG_D2" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG_D2" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="51" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>

```

```

<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="52" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_FG_D2_PT" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG_D2_PT" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="52" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting
key="_producer"
value="class
java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>

```

```

</setting>
<setting key="53" type="config">
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<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG_D2_CT" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="53" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
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</setting>
</settings>
</setting>
<setting key="54" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_CE" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">

```



```

<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_CE" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
<setting key="55" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_OBJ_CE" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_OBJ_CE" type="xstring"/>
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<setting key="position" value="55" type="xint"/>
<setting key="production_path" type="config">
<settings>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
</settings>
</setting>
<setting key="56" type="config">
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<settings>
<setting key="name" value="NT_DIS_CE" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_DIS_CE" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="56" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>

```

```

<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="57" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_CE_D1" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>

```

```

<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="58" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_CE_D2" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_CE_D2" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="58" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                                                    key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>

```

```

<setting key="59" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_CE_D3" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_CE_D3" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="59" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="60" type="config">
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<setting key="external_spec" type="config">
<settings>
<setting key="name" value="CO_RS_I1" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>

```

```

<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I1" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="60" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="61" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="CO_RS_I2" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I2" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="61" type="xint"/>

```

```

<setting key="production_path" type="config">
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java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="62" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="CO_RS_I3" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I3" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>

```

```

<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="63" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="CO_RS_I4" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I4" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="63" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>

```



```

<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="64" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="CO_RS_I5" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I5" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="65" type="config">

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<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="CO_RS_I6" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I6" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="65" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                                    key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="66" type="config">
<settings>
<setting key="external_spec" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>

```

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</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I7" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
</settings>
</setting>
<setting key="67" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="CO_RS_I8" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I8" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="67" type="xint"/>
<setting key="production_path" type="config">

```

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<settings>
  <setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
  java.lang.String)" type="xstring"/>
  <setting key="_converter_src" value="java.lang.String" type="xstring"/>
  <setting key="_converter_dst" value="String" type="xstring"/>
  <setting key="_converter_name" value="String" type="xstring"/>
  <setting key="_converter_config" type="config">
</settings>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
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</settings>
</setting>
<setting key="68" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
</settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I9" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
</settings>
  <setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
  java.lang.String)" type="xstring"/>
  <setting key="_converter_src" value="java.lang.String" type="xstring"/>
  <setting key="_converter_dst" value="String" type="xstring"/>
  <setting key="_converter_name" value="String" type="xstring"/>
  <setting key="_converter_config" type="config">

```

```

<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
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<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I01" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">

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<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="70" type="config">
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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I02" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
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</settings>
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<setting key="71" type="config">
<settings>

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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I03" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="71" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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</settings>
</setting>
</settings>
</setting>
<setting key="72" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>

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</setting>
</settings>
</setting>
<setting key="name" value="QE_I04" type="xstring"/>
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<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="73" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I05" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="73" type="xint"/>
<setting key="production_path" type="config">
<settings>

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```

<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
<setting key="74" type="config">
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<settings>
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<setting key="type" type="config">
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<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I06" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>

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```

</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
<setting key="75" type="config">
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<setting key="type" type="config">
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<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I07" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>

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</setting>
</settings>
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</setting>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I08" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="76" type="xint"/>
<setting key="production_path" type="config">
<settings>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
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</settings>
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<setting key="77" type="config">
<settings>
<setting key="external_spec" type="config">

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<settings>
<setting key="name" value="QE_I09" type="xstring"/>
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<setting key="type" type="config">
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<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I09" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="78" type="config">
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<setting key="type" type="config">
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</settings>
</setting>

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</settings>
</setting>
<setting key="name" value="QE_l10" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting
key="_producer"
value="class
java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
</settings>
</setting>
<setting key="79" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
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</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l11" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="79" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"

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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="type" type="config">
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<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
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<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>

```

```

<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
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</setting>
</settings>
</setting>
<setting key="name" value="QE_l13" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="81" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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<settings/>
</setting>

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</settings>
</setting>
</settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
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</setting>
</settings>
</setting>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
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</setting>
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<setting key="external_spec" type="config">
<settings>

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</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I15" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
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</settings>
</setting>
<setting key="84" type="config">
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<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>

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</setting>
<setting key="name" value="QE_l16" type="xstring"/>
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<setting key="production_path" type="config">
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java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
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<settings>
<setting key="external_spec" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l17" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="85" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class

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java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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</setting>
<setting key="86" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l18" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"

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type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l19" type="xstring"/>
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<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>

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</setting>
</settings>
</setting>
<setting key="88" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I20" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
                                key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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</setting>
</settings>
</setting>
<setting key="89" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I21" type="xstring"/>

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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I21" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
<setting key="90" type="config">
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<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I22" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>

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<setting key="name" value="QE_I22" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
<setting key="91" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I23" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="91" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>

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<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
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</setting>
</settings>
</setting>
<setting key="name" value="QE_I24" type="xstring"/>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>

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<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
<setting key="93" type="config">
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<setting key="name" value="QE_I25" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
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</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I25" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>

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</settings>
</setting>
<setting key="94" type="config">
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<settings>
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<setting key="type" type="config">
<settings>
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</setting>
</settings>
</setting>
<setting key="name" value="QE_I26" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
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</settings>
</setting>
<setting key="95" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I27" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>

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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I27" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="95" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="96" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
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<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I28" type="xstring"/>

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<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="96" type="xint"/>
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<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
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</settings>
</setting>
<setting key="97" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I29" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I29" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="97" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>

```

```

<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="98" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I30" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I30" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="98" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>

```

```

<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="99" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I31" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I31" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="99" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>

```

```

</setting>
<setting key="100" type="config">
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<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I32" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I32" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="100" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="101" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I33" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">

```

```

<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I33" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="101" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting
key="_producer"
value="class
java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
<setting key="102" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I34" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>

```



```

<setting key="position" value="102" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="103" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I35" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I35" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="103" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>

```

```

<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="104" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I36" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I36" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="104" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>

```

```

<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="105" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I37" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I37" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="105" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                                                    key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>

```

```

<setting key="106" type="config">
<settings>
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<settings>
<setting key="name" value="QE_I38" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I38" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="106" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="107" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I39" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>

```

```

<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I39" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="107" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="108" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I40" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I40" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="108" type="xint"/>

```

```

<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="109" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l41" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="109" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>

```

```

<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="110" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I42" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="110" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                                                    key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>

```

```

<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="111" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l43" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="111" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
<setting key="112" type="config">

```



```

<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I44" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I44" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="112" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                                                    key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="113" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I45" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
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<setting key="class" value="java.lang.String" type="xstring"/>

```

```

</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l45" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="113" type="xint"/>
<setting key="production_path" type="config">
<settings>
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key="_converter"
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java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</setting>
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<setting key="keep" value="true" type="xboolean"/>
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<settings>
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  <setting key="_converter_dst" value="String" type="xstring"/>
  <setting key="_converter_name" value="String" type="xstring"/>
  <setting key="_converter_config" type="config">
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
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  <setting key="_converter_src" value="java.lang.String" type="xstring"/>
  <setting key="_converter_dst" value="String" type="xstring"/>
  <setting key="_converter_name" value="String" type="xstring"/>
  <setting key="_converter_config" type="config">

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<settings/>
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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<settings/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</setting>
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<setting key="production_path" type="config">
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
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type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
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</settings>
</setting>
<setting key="119" type="config">
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<setting key="external_spec" type="config">
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</settings>

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</setting>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</setting>
<setting key="name" value="QE_I52" type="xstring"/>
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<setting key="_converter_name" value="String" type="xstring"/>
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</settings>
</setting>
<setting key="name" value="QE_I53" type="xstring"/>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
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<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>

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</setting>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</setting>
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<setting key="name" value="QE_I54" type="xstring"/>
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<setting key="production_path" type="config">
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key="_converter"
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java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</setting>
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</setting>
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<setting key="type" type="config">
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<setting key="production_path" type="config">
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting    key="_producer"    value="class    java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
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<setting key="124" type="config">
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</setting>
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</setting>
<setting key="name" value="QE_I56" type="xstring"/>
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<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="type" type="config">
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</settings>
</setting>

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</settings>
</setting>
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java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
<setting
key="_producer"
value="class
java.lang.String->java.lang.String"
type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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<setting key="name" value="QE_I58" type="xstring"/>
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<setting key="production_path" type="config">
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key="_converter"

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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
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<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>

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<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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<setting key="external_spec" type="config">
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<setting key="type" type="config">
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</settings>
</setting>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</setting>

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</settings>
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<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
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<setting key="_producer_config" type="config">
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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java.lang.String)" type="xstring"/>
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<setting key="type" type="config">
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java.lang.String)" type="xstring"/>
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<setting key="_converter_config" type="config">
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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type="xstring"/>
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<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>

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<setting key="name" value="QE_I67" type="xstring"/>
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<setting key="_converter_src" value="java.lang.String" type="xstring"/>
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</setting>
</settings>
</setting>
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value="knife://LOCAL/enad/2018/3.DADOS/microdados_enade_2018.txt"
type="xstring"/>
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<settings>
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<settings>
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<setting key="comment_char" value="#" type="xstring"/>
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<setting key="quote_escape_char" value="\"" type="xstring"/>
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<setting key="use_line_break_row_delimiter" value="true" type="xboolean"/>
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value="knime://LOCAL/enad/2018/3.DADOS/microdados_enade_2018.txt"
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<setting key="name" value="NU_ANO" type="xstring"/>
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                                                                    key="_converter"
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java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>

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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
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<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</settings>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
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<setting key="_converter_src" value="java.lang.String" type="xstring"/>
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<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
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key="_producer"
value="class
java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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type="xstring"/>
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<setting key="name" value="CO_CURSO" type="xstring"/>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
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<setting key="_converter_src" value="java.lang.String" type="xstring"/>

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<settings/>
</setting>
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type="xstring"/>
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<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</setting>
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key="_converter"
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
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type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
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<settings>
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java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</settings>
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</setting>
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</setting>
<setting key="name" value="NU_IDADE" type="xstring"/>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="11" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="TP_SEXO" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_SEXO" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="11" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>

```

```

<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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</setting>
</settings>
</setting>
<setting key="12" type="config">
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<settings>
<setting key="name" value="ANO_FIM_EM" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="ANO_FIM_EM" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="12" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>

```

```

<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="13" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="ANO_IN_GRAD" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="ANO_IN_GRAD" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="13" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                                                    key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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</settings>
</setting>
</settings>
</setting>

```

```

<setting key="14" type="config">
<settings>
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<settings>
<setting key="name" value="CO_TURNNO_GRADUACAO" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_TURNNO_GRADUACAO" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="14" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="15" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="TP_INSCRICAO_ADM" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>

```

```

<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_INSCRICAO_ADM" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="15" type="xint"/>
<setting key="production_path" type="config">
</settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
</settings>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
</settings>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="16" type="config">
</settings>
<setting key="external_spec" type="config">
</settings>
<setting key="name" value="TP_INSCRICAO" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
</settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_INSCRICAO" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="16" type="xint"/>

```

```

<setting key="production_path" type="config">
<settings>
<setting                                     key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="17" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NU_ITEM_OFG" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NU_ITEM_OFG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="17" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting                                     key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>

```

```

<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="18" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NU_ITEM_OFG_Z" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NU_ITEM_OFG_Z" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="18" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>

```

```

<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="19" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NU_ITEM_OFG_X" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NU_ITEM_OFG_X" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="19" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
<setting key="20" type="config">

```



```

<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NU_ITEM_OFG_N" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NU_ITEM_OFG_N" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="20" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                                                    key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="21" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NU_ITEM_OCE" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>

```

```

</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NU_ITEM_OCE" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="21" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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</settings>
</setting>
</settings>
</setting>
<setting key="22" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NU_ITEM_OCE_Z" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NU_ITEM_OCE_Z" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="22" type="xint"/>
<setting key="production_path" type="config">

```

```

<settings>
  <setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
  java.lang.String)" type="xstring"/>
  <setting key="_converter_src" value="java.lang.String" type="xstring"/>
  <setting key="_converter_dst" value="String" type="xstring"/>
  <setting key="_converter_name" value="String" type="xstring"/>
  <setting key="_converter_config" type="config">
</settings>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
</settings>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="23" type="config">
</settings>
<setting key="external_spec" type="config">
</settings>
<setting key="name" value="NU_ITEM_OCE_X" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
</settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NU_ITEM_OCE_X" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="23" type="xint"/>
<setting key="production_path" type="config">
</settings>
  <setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
  java.lang.String)" type="xstring"/>
  <setting key="_converter_src" value="java.lang.String" type="xstring"/>
  <setting key="_converter_dst" value="String" type="xstring"/>
  <setting key="_converter_name" value="String" type="xstring"/>
  <setting key="_converter_config" type="config">

```

```

<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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</settings>
</setting>
<setting key="24" type="config">
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<settings>
<setting key="name" value="NU_ITEM_OCE_N" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NU_ITEM_OCE_N" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="24" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">

```

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<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="25" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="DS_VT_GAB_OFG_ORIG" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="DS_VT_GAB_OFG_ORIG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="25" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="26" type="config">
<settings>

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<setting key="external_spec" type="config">
<settings>
<setting key="name" value="DS_VT_GAB_OFG_FIN" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="DS_VT_GAB_OFG_FIN" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="26" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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</settings>
</setting>
</settings>
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<setting key="27" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>

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</settings>
</setting>
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<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="type" type="config">
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</setting>
</settings>
</setting>
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<setting key="_converter"
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<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</settings>
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<setting key="29" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="DS_VT_ESC_OFG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="29" type="xint"/>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>

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</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</setting>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
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</setting>
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<setting key="type" type="config">
<settings>
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</settings>
</setting>
</settings>
</setting>
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<setting key="production_path" type="config">
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
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<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting    key="_producer"    value="class    java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
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<settings>
<setting key="external_spec" type="config">

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<setting key="type" type="config">
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</setting>
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<setting key="production_path" type="config">
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="type" type="config">
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</settings>
</setting>

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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
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<setting
key="_producer"
value="class
java.lang.String->java.lang.String"
type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</setting>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
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</setting>
</settings>
</setting>
<setting key="name" value="TP_PR_GER" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="34" type="xint"/>
<setting key="production_path" type="config">
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<setting
key="_converter"

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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</settings>
</setting>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
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</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_PR_OB_FG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
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<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>

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<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
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</setting>
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</setting>
<setting key="name" value="TP_PR_DI_FG" type="xstring"/>
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<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>

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</settings>
</setting>
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<setting key="type" type="config">
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</setting>
</settings>
</setting>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</setting>
<setting key="38" type="config">
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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
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</setting>
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</setting>
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<setting key="production_path" type="config">
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
<setting key="39" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>

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</setting>
<setting key="name" value="TP_SFG_D1" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="type" type="config">
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</setting>
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</setting>
<setting key="name" value="TP_SFG_D2" type="xstring"/>
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<setting key="position" value="40" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class

```

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java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
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</setting>
</settings>
</setting>
<setting key="name" value="TP_SCE_D1" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"

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type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
</settings>
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<setting key="external_spec" type="config">
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<setting key="name" value="TP_SCE_D2" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="TP_SCE_D2" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>

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</setting>
</settings>
</setting>
<setting key="43" type="config">
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<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
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<setting key="class" value="java.lang.Integer" type="xstring"/>
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</setting>
</settings>
</setting>
<setting key="name" value="TP_SCE_D3" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="43" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting
    key="_producer"
    value="class
    java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="44" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_GER" type="xstring"/>

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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
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</setting>
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</setting>
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<setting key="production_path" type="config">
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
</settings>
</setting>
<setting key="45" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>

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<setting key="name" value="NT_FG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="45" type="xint"/>
<setting key="production_path" type="config">
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
<setting key="46" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_OBJ_FG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="46" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>

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<setting key="_converter_src" value="java.lang.String" type="xstring"/>
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<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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<setting key="47" type="config">
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<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_DIS_FG" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="47" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>

```

```

<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
</settings>
</setting>
<setting key="48" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_FG_D1" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG_D1" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="48" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>

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</settings>
</setting>
<setting key="49" type="config">
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<settings>
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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG_D1_PT" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
<setting key="50" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_FG_D1_CT" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>

```

```

<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG_D1_CT" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="50" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting
    key="_producer"
    value="class
    java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="51" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_FG_D2" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG_D2" type="xstring"/>

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<setting key="keep" value="true" type="xboolean"/>
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<settings>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
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<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="52" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG_D2_PT" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>

```

```

<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
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</setting>
<setting key="53" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="NT_FG_D2_CT" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_FG_D2_CT" type="xstring"/>
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<setting key="production_path" type="config">
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<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>

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```

<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
<setting key="54" type="config">
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<settings>
<setting key="name" value="NT_CE" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_CE" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting
key="_producer"
value="class
java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>

```

```

</setting>
<setting key="55" type="config">
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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_OBJ_CE" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="55" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
<setting key="56" type="config">
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<setting key="external_spec" type="config">
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<setting key="name" value="NT_DIS_CE" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">

```

```

<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
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</setting>
</settings>
</setting>
<setting key="name" value="NT_DIS_CE" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
<setting key="57" type="config">
<settings>
<setting key="external_spec" type="config">
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<setting key="name" value="NT_CE_D1" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_CE_D1" type="xstring"/>
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```

<setting key="position" value="57" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="58" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_CE_D2" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="58" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>

```



```

<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="59" type="config">
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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="NT_CE_D3" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="59" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>

```

```

<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="60" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="CO_RS_I1" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I1" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="60" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                                                    key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>

```

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<setting key="61" type="config">
<settings>
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<settings>
<setting key="name" value="CO_RS_I2" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I2" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="61" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="62" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="CO_RS_I3" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>

```

```

<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I3" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="62" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="63" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="CO_RS_I4" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I4" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="63" type="xint"/>

```

```

<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="64" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="CO_RS_I5" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I5" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="64" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>

```

```

<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="65" type="config">
<settings>
<setting key="external_spec" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I6" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="65" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>

```

```

<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="66" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="CO_RS_I7" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I7" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
<setting key="67" type="config">

```

```

<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="CO_RS_I8" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I8" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="67" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                                                    key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="68" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>

```



```

</settings>
</setting>
</settings>
</setting>
<setting key="name" value="CO_RS_I9" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="68" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="69" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I01" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I01" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="69" type="xint"/>
<setting key="production_path" type="config">

```

```

<settings>
  <setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
  java.lang.String)" type="xstring"/>
  <setting key="_converter_src" value="java.lang.String" type="xstring"/>
  <setting key="_converter_dst" value="String" type="xstring"/>
  <setting key="_converter_name" value="String" type="xstring"/>
  <setting key="_converter_config" type="config">
</settings>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
</settings>
</setting>
</settings>
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</setting>
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</settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
</settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I02" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="70" type="xint"/>
<setting key="production_path" type="config">
</settings>
  <setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
  java.lang.String)" type="xstring"/>
  <setting key="_converter_src" value="java.lang.String" type="xstring"/>
  <setting key="_converter_dst" value="String" type="xstring"/>
  <setting key="_converter_name" value="String" type="xstring"/>
  <setting key="_converter_config" type="config">

```

```

<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I03" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="71" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">

```

```

<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="72" type="config">
<settings>
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<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I04" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="72" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="73" type="config">
<settings>

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<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I05" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="73" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="74" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>

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</setting>
</settings>
</setting>
<setting key="name" value="QE_I06" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="74" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="75" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I07" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I07" type="xstring"/>
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<setting key="production_path" type="config">
<settings>

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```

<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I08" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>

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</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
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<setting key="type" type="config">
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</settings>
</setting>
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<setting key="keep" value="true" type="xboolean"/>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
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type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
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</setting>
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<setting key="type" type="config">
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</setting>
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</setting>
<setting key="name" value="QE_I10" type="xstring"/>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="79" type="config">
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<setting key="external_spec" type="config">

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</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l11" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
<setting key="80" type="config">
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<setting key="type" type="config">
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</settings>
</setting>

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</settings>
</setting>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting
key="_producer"
value="class
java.lang.String->java.lang.String"
type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="81" type="config">
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<setting key="external_spec" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l13" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="81" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"

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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
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</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I14" type="xstring"/>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>

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<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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<setting key="external_spec" type="config">
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<setting key="type" type="config">
<settings>
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</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I15" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>

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</settings>
</setting>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
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</setting>
</settings>
</setting>
<setting key="name" value="QE_l16" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</setting>
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<setting key="external_spec" type="config">
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</setting>
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</setting>
<setting key="name" value="QE_l17" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="85" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
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</settings>
</setting>
</settings>

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</setting>
<setting key="name" value="QE_l18" type="xstring"/>
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java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</setting>
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<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class

```



```

java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
<setting key="88" type="config">
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<setting key="type" type="config">
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</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I20" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"

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type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
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</settings>
</setting>
<setting key="89" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I21" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I21" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>

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</setting>
</settings>
</setting>
<setting key="90" type="config">
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<setting key="external_spec" type="config">
<settings>
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<setting key="type" type="config">
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</setting>
</settings>
</setting>
<setting key="name" value="QE_I22" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</setting>
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<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I23" type="xstring"/>

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</setting>
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</setting>
<setting key="name" value="QE_I23" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="92" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I24" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>

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<setting key="name" value="QE_I24" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="92" type="xint"/>
<setting key="production_path" type="config">
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<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="93" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I25" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I25" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="93" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>

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<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
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</setting>
<setting key="94" type="config">
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<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I26" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I26" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="94" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>

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<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="95" type="config">
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<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I27" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I27" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>

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</settings>
</setting>
<setting key="96" type="config">
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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I28" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="96" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="97" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I29" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>

```



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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I29" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="97" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting
key="_producer"
value="class
java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="98" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I30" type="xstring"/>

```

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<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="98" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
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</setting>
<setting key="99" type="config">
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<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I31" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I31" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="99" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>

```

```

<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
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<setting key="external_spec" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I32" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="100" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>

```

```

<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
<setting key="101" type="config">
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<setting key="type" type="config">
<settings>
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</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I33" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="101" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>

```

```

</setting>
<setting key="102" type="config">
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<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I34" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="102" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="103" type="config">
<settings>
<setting key="external_spec" type="config">
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<setting key="name" value="QE_I35" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">

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<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I35" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
<setting key="104" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I36" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I36" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>

```

```

<setting key="position" value="104" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="105" type="config">
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<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I37" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I37" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="105" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>

```

```

<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="106" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I38" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="106" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>

```



```

<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="107" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I39" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I39" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="107" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
                                                                    key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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</setting>
</settings>
</setting>

```

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<setting key="108" type="config">
<settings>
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<settings>
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<setting key="type" type="config">
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</setting>
</settings>
</setting>
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<setting key="keep" value="true" type="xboolean"/>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
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<settings>
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<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>

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<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
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<setting key="keep" value="true" type="xboolean"/>
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key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
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type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="type" type="config">
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</setting>
</settings>
</setting>
<setting key="name" value="QE_I42" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="_converter_config" type="config">
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</settings>
</setting>
<setting key="name" value="QE_l43" type="xstring"/>
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<setting key="_converter_name" value="String" type="xstring"/>

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<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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<setting key="_converter_config" type="config">
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>

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```

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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
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<setting key="type" type="config">
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</settings>
</setting>
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<setting key="production_path" type="config">
<settings>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
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<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
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</settings>
</setting>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
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</settings>
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key="_converter"
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
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<setting key="type" type="config">
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</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l48" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">

```



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<settings>
  <setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
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  <setting key="_converter_dst" value="String" type="xstring"/>
  <setting key="_converter_name" value="String" type="xstring"/>
  <setting key="_converter_config" type="config">
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type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</settings>
</setting>
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<setting key="type" type="config">
</settings>
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</setting>
<setting key="name" value="QE_I49" type="xstring"/>
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  java.lang.String)" type="xstring"/>
  <setting key="_converter_src" value="java.lang.String" type="xstring"/>
  <setting key="_converter_dst" value="String" type="xstring"/>
  <setting key="_converter_name" value="String" type="xstring"/>
  <setting key="_converter_config" type="config">

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<settings/>
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<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
<setting key="name" value="QE_I50" type="xstring"/>
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key="_converter"
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java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
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type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">

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<settings/>
</setting>
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</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I51" type="xstring"/>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
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<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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</setting>
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<setting key="type" type="config">
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</setting>
</settings>
</setting>
<setting key="name" value="QE_I56" type="xstring"/>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>

```

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</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="125" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I57" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I57" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="125" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
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</settings>
</setting>
</settings>
</setting>
<setting key="126" type="config">
<settings>
<setting key="external_spec" type="config">

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<settings>
<setting key="name" value="QE_I58" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I58" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="126" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="127" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>

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</settings>
</setting>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="128" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I60" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="128" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"

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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="129" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l61" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>

```

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<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="130" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I62" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="130" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>

```

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</settings>
</setting>
</settings>
</setting>
<setting key="131" type="config">
<settings>
<setting key="external_spec" type="config">
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<setting key="name" value="QE_I63" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I63" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="132" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>

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<setting key="name" value="QE_I64" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I64" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="132" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="133" type="config">
<settings>
<setting key="external_spec" type="config">
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>

```

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</setting>
<setting key="name" value="QE_I65" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="133" type="xint"/>
<setting key="production_path" type="config">
<settings>
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java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="134" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I66" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
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<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I66" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="134" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter" value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class

```

```

java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="135" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
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</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I67" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="135" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"

```



```

type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="136" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_l68" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.Integer" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_l68" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="136" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>

```

```

</setting>
</settings>
</setting>
<setting key="137" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I69" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
                                key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting      key="_producer"      value="class      java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="138" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I70" type="xstring"/>

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```

<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I70" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="139" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
<setting key="name" value="QE_I71" type="xstring"/>
<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
<settings>
<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>

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<setting key="name" value="QE_I71" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
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<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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</settings>
</setting>
</settings>
</setting>
<setting key="140" type="config">
<settings>
<setting key="external_spec" type="config">
<settings>
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<setting key="has_type" value="true" type="xboolean"/>
<setting key="type" type="config">
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<setting key="class" value="java.lang.String" type="xstring"/>
</settings>
</setting>
</settings>
</setting>
<setting key="name" value="QE_I72" type="xstring"/>
<setting key="keep" value="true" type="xboolean"/>
<setting key="position" value="140" type="xint"/>
<setting key="production_path" type="config">
<settings>
<setting
key="_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>

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```

<setting key="_converter_src" value="java.lang.String" type="xstring"/>
<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
<settings/>
</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
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</setting>
<setting key="_producer" value="class java.lang.String->java.lang.String"
type="xstring"/>

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<setting key="_converter_dst" value="String" type="xstring"/>
<setting key="_converter_name" value="String" type="xstring"/>
<setting key="_converter_config" type="config">
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type="xstring"/>
<setting key="_producer_src" value="java.lang.String" type="xstring"/>
<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
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<setting key="_converter_config" type="config">
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    value="class
    java.lang.String->java.lang.String"
type="xstring"/>
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<setting key="_producer_dst" value="java.lang.String" type="xstring"/>
<setting key="_producer_name" value="java.lang.String" type="xstring"/>
<setting key="_producer_config" type="config">
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<setting key="_producer_name" value="java.lang.String" type="xstring"/>
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value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
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</successors>
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type="xstring"/>
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type="xstring"/>
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type="xstring"/>
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type="xstring"/>
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type="xstring"/>
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type="xstring"/>
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type="xstring"/>
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type="xstring"/>
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type="xstring"/>
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<settings/>
</setting>
<setting      key="production_path_producer"      value="TINYINT->java.lang.Integer"

```

```

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type="xstring"/>
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type="xstring"/>
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type="xstring"/>
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type="xstring"/>
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type="xstring"/>
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type="xstring"/>
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type="xstring"/>
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type="xstring"/>
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type="xstring"/>
<setting key="production_path_producer_src" value="BIGINT" type="xstring"/>
<setting key="production_path_producer_dst" value="java.lang.Long" type="xstring"/>
<setting      key="production_path_producer_name"      value="java.lang.Long"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_6" type="config">
<settings>
<setting key="external_type" value="FLOAT" type="xstring"/>
<setting key="intermediate_type" value="java.lang.Double" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.DoubleCell" type="xstring"/>
</settings>
</setting>
<setting      key="production_path_converter"
value="org.knime.core.data.def.DoubleCell$DoubleCellFactory.create(class
java.lang.Double)" type="xstring"/>
<setting      key="production_path_converter_src"      value="java.lang.Double"
type="xstring"/>
<setting      key="production_path_converter_dst"      value="Number      (double)"
type="xstring"/>
<setting key="production_path_converter_name" value="Double" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting      key="production_path_producer"      value="FLOAT->java.lang.Double"
type="xstring"/>
<setting key="production_path_producer_src" value="FLOAT" type="xstring"/>
<setting      key="production_path_producer_dst"      value="java.lang.Double"
type="xstring"/>
<setting      key="production_path_producer_name"      value="java.lang.Double"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_7" type="config">
<settings>
<setting key="external_type" value="REAL" type="xstring"/>

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```

<setting key="intermediate_type" value="java.lang.Double" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.DoubleCell" type="xstring"/>
</settings>
</setting>
<setting
                                key="production_path_converter"
value="org.knime.core.data.def.DoubleCell$DoubleCellFactory.create(class
java.lang.Double)" type="xstring"/>
<setting      key="production_path_converter_src"      value="java.lang.Double"
type="xstring"/>
<setting      key="production_path_converter_dst"      value="Number      (double)"
type="xstring"/>
<setting key="production_path_converter_name" value="Double" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting      key="production_path_producer"      value="REAL->java.lang.Double"
type="xstring"/>
<setting key="production_path_producer_src" value="REAL" type="xstring"/>
<setting      key="production_path_producer_dst"      value="java.lang.Double"
type="xstring"/>
<setting      key="production_path_producer_name"      value="java.lang.Double"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_8" type="config">
<settings>
<setting key="external_type" value="DOUBLE" type="xstring"/>
<setting key="intermediate_type" value="java.lang.Double" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.DoubleCell" type="xstring"/>
</settings>
</setting>
<setting
                                key="production_path_converter"
value="org.knime.core.data.def.DoubleCell$DoubleCellFactory.create(class
java.lang.Double)" type="xstring"/>
<setting      key="production_path_converter_src"      value="java.lang.Double"
type="xstring"/>
<setting      key="production_path_converter_dst"      value="Number      (double)"
type="xstring"/>
<setting key="production_path_converter_name" value="Double" type="xstring"/>
<setting key="production_path_converter_config" type="config">

```

```

<settings/>
</setting>
<setting key="production_path_producer" value="DOUBLE->java.lang.Double"
type="xstring"/>
<setting key="production_path_producer_src" value="DOUBLE" type="xstring"/>
<setting key="production_path_producer_dst" value="java.lang.Double"
type="xstring"/>
<setting key="production_path_producer_name" value="java.lang.Double"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_9" type="config">
<settings>
<setting key="external_type" value="NUMERIC" type="xstring"/>
<setting key="intermediate_type" value="java.lang.Double" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.DoubleCell" type="xstring"/>
</settings>
</setting>
<setting key="production_path_converter"
value="org.knime.core.data.def.DoubleCell$DoubleCellFactory.create(class
java.lang.Double)" type="xstring"/>
<setting key="production_path_converter_src" value="java.lang.Double"
type="xstring"/>
<setting key="production_path_converter_dst" value="Number (double)"
type="xstring"/>
<setting key="production_path_converter_name" value="Double" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting key="production_path_producer" value="NUMERIC->java.lang.Double"
type="xstring"/>
<setting key="production_path_producer_src" value="NUMERIC" type="xstring"/>
<setting key="production_path_producer_dst" value="java.lang.Double"
type="xstring"/>
<setting key="production_path_producer_name" value="java.lang.Double"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_10" type="config">

```



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<settings>
<setting key="external_type" value="DECIMAL" type="xstring"/>
<setting key="intermediate_type" value="java.lang.Double" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.DoubleCell" type="xstring"/>
</settings>
</setting>
<setting
                                key="production_path_converter"
value="org.knime.core.data.def.DoubleCell$DoubleCellFactory.create(class
java.lang.Double)" type="xstring"/>
<setting      key="production_path_converter_src"      value="java.lang.Double"
type="xstring"/>
<setting      key="production_path_converter_dst"      value="Number      (double)"
type="xstring"/>
<setting key="production_path_converter_name" value="Double" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting      key="production_path_producer"      value="DECIMAL->java.lang.Double"
type="xstring"/>
<setting key="production_path_producer_src" value="DECIMAL" type="xstring"/>
<setting      key="production_path_producer_dst"      value="java.lang.Double"
type="xstring"/>
<setting      key="production_path_producer_name"      value="java.lang.Double"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_11" type="config">
<settings>
<setting key="external_type" value="DATE" type="xstring"/>
<setting key="intermediate_type" value="java.time.LocalDate" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting      key="cell_class"      value="org.knime.core.data.time.localdate.LocalDateCell"
type="xstring"/>
</settings>
</setting>
<setting
                                key="production_path_converter"
value="org.knime.core.data.time.localdate.LocalDateCellFactory.create(class
java.time.LocalDate)" type="xstring"/>
<setting      key="production_path_converter_src"      value="java.time.LocalDate"
type="xstring"/>
<setting key="production_path_converter_dst" value="Local Date" type="xstring"/>

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<setting key="production_path_converter_name" value="LocalDate" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting key="production_path_producer" value="DATE->java.time.LocalDate"
type="xstring"/>
<setting key="production_path_producer_src" value="DATE" type="xstring"/>
<setting key="production_path_producer_dst" value="java.time.LocalDate"
type="xstring"/>
<setting key="production_path_producer_name" value="java.time.LocalDate"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_12" type="config">
<settings>
<setting key="external_type" value="TIME" type="xstring"/>
<setting key="intermediate_type" value="java.time.LocalDateTime" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.time.localtime.LocalDateTimeCell"
type="xstring"/>
</settings>
</setting>
<setting key="production_path_converter"
value="org.knime.core.data.time.localtime.LocalDateTimeCellFactory.create(class
java.time.LocalDateTime)" type="xstring"/>
<setting key="production_path_converter_src" value="java.time.LocalDateTime"
type="xstring"/>
<setting key="production_path_converter_dst" value="Local Time" type="xstring"/>
<setting key="production_path_converter_name" value="LocalTime" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting key="production_path_producer" value="TIME->java.time.LocalDateTime"
type="xstring"/>
<setting key="production_path_producer_src" value="TIME" type="xstring"/>
<setting key="production_path_producer_dst" value="java.time.LocalDateTime"
type="xstring"/>
<setting key="production_path_producer_name" value="java.time.LocalDateTime"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>

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</setting>
<setting key="type_to_type_mapping_rule_13" type="config">
<settings>
<setting key="external_type" value="TIMESTAMP" type="xstring"/>
<setting key="intermediate_type" value="java.time.LocalDateTime" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class"
value="org.knime.core.data.time.localdatetime.LocalDateTimeCell" type="xstring"/>
</settings>
</setting>
<setting key="production_path_converter"
value="org.knime.core.data.time.localdatetime.LocalDateTimeCellFactory.create(class
java.time.LocalDateTime)" type="xstring"/>
<setting key="production_path_converter_src" value="java.time.LocalDateTime"
type="xstring"/>
<setting key="production_path_converter_dst" value="Local Date Time"
type="xstring"/>
<setting key="production_path_converter_name" value="LocalDateTime"
type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting key="production_path_producer" value="TIMESTAMP-
>java.time.LocalDateTime" type="xstring"/>
<setting key="production_path_producer_src" value="TIMESTAMP" type="xstring"/>
<setting key="production_path_producer_dst" value="java.time.LocalDateTime"
type="xstring"/>
<setting key="production_path_producer_name" value="java.time.LocalDateTime"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_14" type="config">
<settings>
<setting key="external_type" value="TIME_WITH_TIMEZONE" type="xstring"/>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>
</settings>
</setting>
<setting key="production_path_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>

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<setting      key="production_path_converter_src"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_converter_dst" value="String" type="xstring"/>
<setting key="production_path_converter_name" value="String" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting      key="production_path_producer"      value="TIME_WITH_TIMEZONE-
>java.lang.String" type="xstring"/>
<setting      key="production_path_producer_src"      value="TIME_WITH_TIMEZONE"
type="xstring"/>
<setting      key="production_path_producer_dst"      value="java.lang.String"
type="xstring"/>
<setting      key="production_path_producer_name"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_15" type="config">
<settings>
<setting key="external_type" value="TIMESTAMP_WITH_TIMEZONE" type="xstring"/>
<setting key="intermediate_type" value="java.time.ZonedDateTime" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting
key="cell_class"
value="org.knime.core.data.time.zoneddatetime.ZonedDateTimeCell" type="xstring"/>
</settings>
</setting>
<setting
key="production_path_converter"
value="org.knime.core.data.time.zoneddatetime.ZonedDateTimeCellFactory.create(class
java.time.ZonedDateTime)" type="xstring"/>
<setting      key="production_path_converter_src"      value="java.time.ZonedDateTime"
type="xstring"/>
<setting      key="production_path_converter_dst"      value="Zoned      Date      Time"
type="xstring"/>
<setting      key="production_path_converter_name"      value="ZonedDateTime"
type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting      key="production_path_producer"      value="TIMESTAMP_WITH_TIMEZONE-
>java.time.ZonedDateTime" type="xstring"/>
<setting key="production_path_producer_src" value="TIMESTAMP_WITH_TIMEZONE"
type="xstring"/>
<setting      key="production_path_producer_dst"      value="java.time.ZonedDateTime"

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type="xstring"/>
<setting key="production_path_producer_name" value="java.time.ZonedDateTime"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_16" type="config">
<settings>
<setting key="external_type" value="CHAR" type="xstring"/>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>
</settings>
</setting>
<setting
key="production_path_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="production_path_converter_src" value="java.lang.String"
type="xstring"/>
<setting key="production_path_converter_dst" value="String" type="xstring"/>
<setting key="production_path_converter_name" value="String" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting key="production_path_producer" value="CHAR->java.lang.String"
type="xstring"/>
<setting key="production_path_producer_src" value="CHAR" type="xstring"/>
<setting key="production_path_producer_dst" value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_name" value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_17" type="config">
<settings>
<setting key="external_type" value="VARCHAR" type="xstring"/>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>
</settings>

```

```

</setting>
<setting                                key="production_path_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting      key="production_path_converter_src"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_converter_dst" value="String" type="xstring"/>
<setting key="production_path_converter_name" value="String" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting      key="production_path_producer"      value="VARCHAR->java.lang.String"
type="xstring"/>
<setting key="production_path_producer_src" value="VARCHAR" type="xstring"/>
<setting      key="production_path_producer_dst"      value="java.lang.String"
type="xstring"/>
<setting      key="production_path_producer_name"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_18" type="config">
<settings>
<setting key="external_type" value="LONGVARCHAR" type="xstring"/>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>
</settings>
</setting>
<setting                                key="production_path_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting      key="production_path_converter_src"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_converter_dst" value="String" type="xstring"/>
<setting key="production_path_converter_name" value="String" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting      key="production_path_producer"      value="LONGVARCHAR->java.lang.String"
type="xstring"/>
<setting      key="production_path_producer_src"      value="LONGVARCHAR"
type="xstring"/>
<setting      key="production_path_producer_dst"      value="java.lang.String"

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type="xstring"/>
<setting key="production_path_producer_name" value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_19" type="config">
<settings>
<setting key="external_type" value="CLOB" type="xstring"/>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>
</settings>
</setting>
<setting key="production_path_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="production_path_converter_src" value="java.lang.String"
type="xstring"/>
<setting key="production_path_converter_dst" value="String" type="xstring"/>
<setting key="production_path_converter_name" value="String" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting key="production_path_producer" value="CLOB->java.lang.String"
type="xstring"/>
<setting key="production_path_producer_src" value="CLOB" type="xstring"/>
<setting key="production_path_producer_dst" value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_name" value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_20" type="config">
<settings>
<setting key="external_type" value="NCHAR" type="xstring"/>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>
</settings>

```

```

</setting>
<setting                                key="production_path_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting      key="production_path_converter_src"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_converter_dst" value="String" type="xstring"/>
<setting key="production_path_converter_name" value="String" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting      key="production_path_producer"      value="NCHAR->java.lang.String"
type="xstring"/>
<setting key="production_path_producer_src" value="NCHAR" type="xstring"/>
<setting      key="production_path_producer_dst"      value="java.lang.String"
type="xstring"/>
<setting      key="production_path_producer_name"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_21" type="config">
<settings>
<setting key="external_type" value="NVARCHAR" type="xstring"/>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>
</settings>
</setting>
<setting                                key="production_path_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting      key="production_path_converter_src"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_converter_dst" value="String" type="xstring"/>
<setting key="production_path_converter_name" value="String" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting      key="production_path_producer"      value="NVARCHAR->java.lang.String"
type="xstring"/>
<setting key="production_path_producer_src" value="NVARCHAR" type="xstring"/>
<setting      key="production_path_producer_dst"      value="java.lang.String"
type="xstring"/>

```



```

<setting      key="production_path_producer_name"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_22" type="config">
<settings>
<setting key="external_type" value="LONGNVARCHAR" type="xstring"/>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>
</settings>
</setting>
<setting
                                key="production_path_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting      key="production_path_converter_src"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_converter_dst" value="String" type="xstring"/>
<setting key="production_path_converter_name" value="String" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting key="production_path_producer" value="LONGNVARCHAR->java.lang.String"
type="xstring"/>
<setting      key="production_path_producer_src"      value="LONGNVARCHAR"
type="xstring"/>
<setting      key="production_path_producer_dst"      value="java.lang.String"
type="xstring"/>
<setting      key="production_path_producer_name"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_23" type="config">
<settings>
<setting key="external_type" value="NCLOB" type="xstring"/>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>
</settings>

```

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</setting>
<setting                                key="production_path_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting      key="production_path_converter_src"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_converter_dst" value="String" type="xstring"/>
<setting key="production_path_converter_name" value="String" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting      key="production_path_producer"      value="NCLOB->java.lang.String"
type="xstring"/>
<setting key="production_path_producer_src" value="NCLOB" type="xstring"/>
<setting      key="production_path_producer_dst"      value="java.lang.String"
type="xstring"/>
<setting      key="production_path_producer_name"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_24" type="config">
<settings>
<setting key="external_type" value="BLOB" type="xstring"/>
<setting key="intermediate_type" value="java.io.InputStream" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting      key="cell_class"      value="org.knime.core.data.blob.BinaryObjectDataCell"
type="xstring"/>
</settings>
</setting>
<setting                                key="production_path_converter"
value="org.knime.core.data.blob.BinaryObjectCellFactory.create(class
java.io.InputStream)" type="xstring"/>
<setting      key="production_path_converter_src"      value="java.io.InputStream"
type="xstring"/>
<setting key="production_path_converter_dst" value="Binary object" type="xstring"/>
<setting      key="production_path_converter_name"      value="InputStream"
type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting      key="production_path_producer"      value="BLOB->java.io.InputStream"
type="xstring"/>
<setting key="production_path_producer_src" value="BLOB" type="xstring"/>

```

```

<setting      key="production_path_producer_dst"      value="java.io.InputStream"
type="xstring"/>
<setting      key="production_path_producer_name"      value="java.io.InputStream"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_25" type="config">
<settings>
<setting key="external_type" value="BINARY" type="xstring"/>
<setting key="intermediate_type" value="java.io.InputStream" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting      key="cell_class"      value="org.knime.core.data.blob.BinaryObjectDataCell"
type="xstring"/>
</settings>
</setting>
<setting
                                key="production_path_converter"
value="org.knime.core.data.blob.BinaryObjectCellFactory.create(class
java.io.InputStream)" type="xstring"/>
<setting      key="production_path_converter_src"      value="java.io.InputStream"
type="xstring"/>
<setting key="production_path_converter_dst" value="Binary object" type="xstring"/>
<setting      key="production_path_converter_name"      value="InputStream"
type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting      key="production_path_producer"      value="BINARY->java.io.InputStream"
type="xstring"/>
<setting key="production_path_producer_src" value="BINARY" type="xstring"/>
<setting      key="production_path_producer_dst"      value="java.io.InputStream"
type="xstring"/>
<setting      key="production_path_producer_name"      value="java.io.InputStream"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_26" type="config">
<settings>
<setting key="external_type" value="VARBINARY" type="xstring"/>
<setting key="intermediate_type" value="java.io.InputStream" type="xstring"/>
<setting key="type" type="config">

```

```

<settings>
<setting key="cell_class" value="org.knime.core.data.blob.BinaryObjectDataCell"
type="xstring"/>
</settings>
</setting>
<setting
key="production_path_converter"
value="org.knime.core.data.blob.BinaryObjectCellFactory.create(class
java.io.InputStream)" type="xstring"/>
<setting key="production_path_converter_src" value="java.io.InputStream"
type="xstring"/>
<setting key="production_path_converter_dst" value="Binary object" type="xstring"/>
<setting key="production_path_converter_name" value="InputStream"
type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting key="production_path_producer" value="VARBINARY->java.io.InputStream"
type="xstring"/>
<setting key="production_path_producer_src" value="VARBINARY" type="xstring"/>
<setting key="production_path_producer_dst" value="java.io.InputStream"
type="xstring"/>
<setting key="production_path_producer_name" value="java.io.InputStream"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_27" type="config">
<settings>
<setting key="external_type" value="LONGVARBINARY" type="xstring"/>
<setting key="intermediate_type" value="java.io.InputStream" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.blob.BinaryObjectDataCell"
type="xstring"/>
</settings>
</setting>
<setting
key="production_path_converter"
value="org.knime.core.data.blob.BinaryObjectCellFactory.create(class
java.io.InputStream)" type="xstring"/>
<setting key="production_path_converter_src" value="java.io.InputStream"
type="xstring"/>
<setting key="production_path_converter_dst" value="Binary object" type="xstring"/>
<setting key="production_path_converter_name" value="InputStream"
type="xstring"/>
<setting key="production_path_converter_config" type="config">

```

```

<settings/>
</setting>
<setting          key="production_path_producer"          value="LONGVARBINARY-
>java.io.InputStream" type="xstring"/>
<setting          key="production_path_producer_src"        value="LONGVARBINARY"
type="xstring"/>
<setting          key="production_path_producer_dst"        value="java.io.InputStream"
type="xstring"/>
<setting          key="production_path_producer_name"       value="java.io.InputStream"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_28" type="config">
<settings>
<setting key="external_type" value="SQLXML" type="xstring"/>
<setting key="intermediate_type" value="org.w3c.dom.Document" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.xml.XMLCell" type="xstring"/>
</settings>
</setting>
<setting          key="production_path_converter"
value="org.knime.core.data.xml.XMLCellFactory.create(interface
org.w3c.dom.Document)" type="xstring"/>
<setting          key="production_path_converter_src"        value="org.w3c.dom.Document"
type="xstring"/>
<setting key="production_path_converter_dst" value="XML" type="xstring"/>
<setting          key="production_path_converter_name"        value="Document    (XML)"
type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting key="production_path_producer" value="SQLXML->org.w3c.dom.Document"
type="xstring"/>
<setting key="production_path_producer_src" value="SQLXML" type="xstring"/>
<setting          key="production_path_producer_dst"        value="org.w3c.dom.Document"
type="xstring"/>
<setting          key="production_path_producer_name"        value="org.w3c.dom.Document"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>

```

```

<setting key="type_to_type_mapping_rule_29" type="config">
<settings>
<setting key="external_type" value="ARRAY" type="xstring"/>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>
</settings>
</setting>
<setting
                                key="production_path_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting      key="production_path_converter_src"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_converter_dst" value="String" type="xstring"/>
<setting key="production_path_converter_name" value="String" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting      key="production_path_producer"      value="ARRAY->java.lang.String"
type="xstring"/>
<setting key="production_path_producer_src" value="ARRAY" type="xstring"/>
<setting      key="production_path_producer_dst"      value="java.lang.String"
type="xstring"/>
<setting      key="production_path_producer_name"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_30" type="config">
<settings>
<setting key="external_type" value="NULL" type="xstring"/>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>
</settings>
</setting>
<setting
                                key="production_path_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting      key="production_path_converter_src"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_converter_dst" value="String" type="xstring"/>
<setting key="production_path_converter_name" value="String" type="xstring"/>

```

```

<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting      key="production_path_producer"      value="NULL->java.lang.String"
type="xstring"/>
<setting key="production_path_producer_src" value="NULL" type="xstring"/>
<setting      key="production_path_producer_dst"      value="java.lang.String"
type="xstring"/>
<setting      key="production_path_producer_name"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_31" type="config">
<settings>
<setting key="external_type" value="OTHER" type="xstring"/>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>
</settings>
</setting>
<setting      key="production_path_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting      key="production_path_converter_src"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_converter_dst" value="String" type="xstring"/>
<setting key="production_path_converter_name" value="String" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting      key="production_path_producer"      value="OTHER->java.lang.String"
type="xstring"/>
<setting key="production_path_producer_src" value="OTHER" type="xstring"/>
<setting      key="production_path_producer_dst"      value="java.lang.String"
type="xstring"/>
<setting      key="production_path_producer_name"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_32" type="config">

```

```

<settings>
<setting key="external_type" value="ROWID" type="xstring"/>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>
</settings>
</setting>
<setting
                                key="production_path_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting
    key="production_path_converter_src"
                                value="java.lang.String"
type="xstring"/>
<setting key="production_path_converter_dst" value="String" type="xstring"/>
<setting key="production_path_converter_name" value="String" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting
    key="production_path_producer"
                                value="ROWID->java.lang.String"
type="xstring"/>
<setting key="production_path_producer_src" value="ROWID" type="xstring"/>
<setting
    key="production_path_producer_dst"
                                value="java.lang.String"
type="xstring"/>
<setting
    key="production_path_producer_name"
                                value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_33" type="config">
<settings>
<setting key="external_type" value="DISTINCT" type="xstring"/>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>
</settings>
</setting>
<setting
                                key="production_path_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting
    key="production_path_converter_src"
                                value="java.lang.String"
type="xstring"/>
<setting key="production_path_converter_dst" value="String" type="xstring"/>
<setting key="production_path_converter_name" value="String" type="xstring"/>
<setting key="production_path_converter_config" type="config">

```



```

<settings/>
</setting>
<setting      key="production_path_producer"      value="DISTINCT->java.lang.String"
type="xstring"/>
<setting key="production_path_producer_src" value="DISTINCT" type="xstring"/>
<setting      key="production_path_producer_dst"      value="java.lang.String"
type="xstring"/>
<setting      key="production_path_producer_name"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_34" type="config">
<settings>
<setting key="external_type" value="STRUCT" type="xstring"/>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>
</settings>
</setting>
<setting
                                key="production_path_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting      key="production_path_converter_src"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_converter_dst" value="String" type="xstring"/>
<setting key="production_path_converter_name" value="String" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting      key="production_path_producer"      value="STRUCT->java.lang.String"
type="xstring"/>
<setting key="production_path_producer_src" value="STRUCT" type="xstring"/>
<setting      key="production_path_producer_dst"      value="java.lang.String"
type="xstring"/>
<setting      key="production_path_producer_name"      value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_35" type="config">
<settings>

```

```

<setting key="external_type" value="REF" type="xstring"/>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>
</settings>
</setting>
<setting
                                key="production_path_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting
    key="production_path_converter_src"
                                value="java.lang.String"
type="xstring"/>
<setting key="production_path_converter_dst" value="String" type="xstring"/>
<setting key="production_path_converter_name" value="String" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting
    key="production_path_producer"
                                value="REF->java.lang.String"
type="xstring"/>
<setting key="production_path_producer_src" value="REF" type="xstring"/>
<setting
    key="production_path_producer_dst"
                                value="java.lang.String"
type="xstring"/>
<setting
    key="production_path_producer_name"
                                value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_36" type="config">
<settings>
<setting key="external_type" value="DATA LINK" type="xstring"/>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>
</settings>
</setting>
<setting
                                key="production_path_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting
    key="production_path_converter_src"
                                value="java.lang.String"
type="xstring"/>
<setting key="production_path_converter_dst" value="String" type="xstring"/>
<setting key="production_path_converter_name" value="String" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>

```

```

</setting>
<setting key="production_path_producer" value="DATALINK->java.lang.String"
type="xstring"/>
<setting key="production_path_producer_src" value="DATALINK" type="xstring"/>
<setting key="production_path_producer_dst" value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_name" value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_37" type="config">
<settings>
<setting key="external_type" value="REF_CURSOR" type="xstring"/>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>
</settings>
</setting>
<setting key="production_path_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting key="production_path_converter_src" value="java.lang.String"
type="xstring"/>
<setting key="production_path_converter_dst" value="String" type="xstring"/>
<setting key="production_path_converter_name" value="String" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting key="production_path_producer" value="REF_CURSOR->java.lang.String"
type="xstring"/>
<setting key="production_path_producer_src" value="REF_CURSOR" type="xstring"/>
<setting key="production_path_producer_dst" value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_name" value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_38" type="config">
<settings>
<setting key="external_type" value="JAVA_OBJECT" type="xstring"/>

```

```

<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>
</settings>
</setting>
<setting
                                key="production_path_converter"
value="org.knime.core.data.def.StringCell$StringCellFactory.createCell(class
java.lang.String)" type="xstring"/>
<setting
            key="production_path_converter_src"
                                value="java.lang.String"
type="xstring"/>
<setting key="production_path_converter_dst" value="String" type="xstring"/>
<setting key="production_path_converter_name" value="String" type="xstring"/>
<setting key="production_path_converter_config" type="config">
<settings/>
</setting>
<setting key="production_path_producer" value="JAVA_OBJECT->java.lang.String"
type="xstring"/>
<setting key="production_path_producer_src" value="JAVA_OBJECT" type="xstring"/>
<setting
            key="production_path_producer_dst"
                                value="java.lang.String"
type="xstring"/>
<setting
            key="production_path_producer_name"
                                value="java.lang.String"
type="xstring"/>
<setting key="production_path_producer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
</settings>
</setting>
</settings>
</setting>
<setting key="knime_to_external_mapping_Internals" type="config">
<settings>
<setting key="SettingsModelID" value="SMID_dataTypeMapping" type="xstring"/>
<setting key="EnabledStatus" value="true" type="xboolean"/>
</settings>
</setting>
<setting key="knime_to_external_mapping" type="config">
<settings>
<setting key="type_to_type_mapping_rules" type="config">
<settings>
<setting key="type_to_type_mapping_rule_0" type="config">
<settings>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.def.StringCell" type="xstring"/>

```

```

</settings>
</setting>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="external_type" value="VARCHAR" type="xstring"/>
<setting key="consumption_path_converter"
value="org.knime.core.data.convert.java.SimpleDataCellToJavaConverterFactory(StringValue, class java.lang.String, String)" type="xstring"/>
<setting key="consumption_path_converter_src"
value="org.knime.core.data.StringValue" type="xstring"/>
<setting key="consumption_path_converter_dst" value="java.lang.String"
type="xstring"/>
<setting key="consumption_path_converter_name" value="String" type="xstring"/>
<setting key="consumption_path_converter_config" type="config">
</settings>
</setting>
<setting key="consumption_path_consumer" value="java.lang.String->VARCHAR"
type="xstring"/>
<setting key="consumption_path_consumer_src" value="java.lang.String"
type="xstring"/>
<setting key="consumption_path_consumer_dst" value="VARCHAR" type="xstring"/>
<setting key="consumption_path_consumer_name" value="VARCHAR"
type="xstring"/>
<setting key="consumption_path_consumer_config" type="config">
</settings>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_1" type="config">
</settings>
<setting key="type" type="config">
</settings>
<setting key="cell_class" value="org.knime.core.data.def.BooleanCell" type="xstring"/>
</settings>
</setting>
<setting key="intermediate_type" value="java.lang.Boolean" type="xstring"/>
<setting key="external_type" value="BIT" type="xstring"/>
<setting key="consumption_path_converter"
value="org.knime.core.data.convert.java.SimpleDataCellToJavaConverterFactory(BooleanValue, class java.lang.Boolean, Boolean)" type="xstring"/>
<setting key="consumption_path_converter_src"
value="org.knime.core.data.BooleanValue" type="xstring"/>
<setting key="consumption_path_converter_dst" value="java.lang.Boolean"
type="xstring"/>
<setting key="consumption_path_converter_name" value="Boolean" type="xstring"/>
<setting key="consumption_path_converter_config" type="config">
</settings>
</setting>

```

```

<setting      key="consumption_path_consumer"      value="java.lang.Boolean->BIT"
type="xstring"/>
<setting      key="consumption_path_consumer_src"      value="java.lang.Boolean"
type="xstring"/>
<setting key="consumption_path_consumer_dst" value="BIT" type="xstring"/>
<setting key="consumption_path_consumer_name" value="BIT" type="xstring"/>
<setting key="consumption_path_consumer_config" type="config">
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</settings>
</setting>
<setting key="type_to_type_mapping_rule_2" type="config">
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</settings>
</setting>
<setting key="intermediate_type" value="java.lang.Integer" type="xstring"/>
<setting key="external_type" value="INTEGER" type="xstring"/>
<setting
                                key="consumption_path_converter"
value="org.knime.core.data.convert.java.SimpleDataCellToJavaConverterFactory(IntVa
lue,class java.lang.Integer,Integer)" type="xstring"/>
<setting
                                key="consumption_path_converter_src"
value="org.knime.core.data.IntValue" type="xstring"/>
<setting      key="consumption_path_converter_dst"      value="java.lang.Integer"
type="xstring"/>
<setting key="consumption_path_converter_name" value="Integer" type="xstring"/>
<setting key="consumption_path_converter_config" type="config">
<settings/>
</setting>
<setting      key="consumption_path_consumer"      value="java.lang.Integer->INTEGER"
type="xstring"/>
<setting      key="consumption_path_consumer_src"      value="java.lang.Integer"
type="xstring"/>
<setting key="consumption_path_consumer_dst" value="INTEGER" type="xstring"/>
<setting key="consumption_path_consumer_name" value="INTEGER" type="xstring"/>
<setting key="consumption_path_consumer_config" type="config">
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</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_3" type="config">
<settings>
<setting key="type" type="config">
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<setting key="cell_class" value="org.knime.core.data.def.LongCell" type="xstring"/>

```

```

</settings>
</setting>
<setting key="intermediate_type" value="java.lang.Long" type="xstring"/>
<setting key="external_type" value="BIGINT" type="xstring"/>
<setting
    key="consumption_path_converter"
    value="org.knime.core.data.convert.java.SimpleDataCellToJavaConverterFactory(Long
    Value,class java.lang.Long,Long)" type="xstring"/>
<setting
    key="consumption_path_converter_src"
    value="org.knime.core.data.LongValue" type="xstring"/>
<setting
    key="consumption_path_converter_dst"
    value="java.lang.Long"
    type="xstring"/>
<setting key="consumption_path_converter_name" value="Long" type="xstring"/>
<setting key="consumption_path_converter_config" type="config">
</settings>
</setting>
<setting
    key="consumption_path_consumer"
    value="java.lang.Long->BIGINT"
    type="xstring"/>
<setting
    key="consumption_path_consumer_src"
    value="java.lang.Long"
    type="xstring"/>
<setting key="consumption_path_consumer_dst" value="BIGINT" type="xstring"/>
<setting key="consumption_path_consumer_name" value="BIGINT" type="xstring"/>
<setting key="consumption_path_consumer_config" type="config">
</settings>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_4" type="config">
</settings>
<setting key="type" type="config">
</settings>
<setting key="cell_class" value="org.knime.core.data.def.DoubleCell" type="xstring"/>
</settings>
</setting>
<setting key="intermediate_type" value="java.lang.Double" type="xstring"/>
<setting key="external_type" value="DOUBLE" type="xstring"/>
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    key="consumption_path_converter"
    value="org.knime.core.data.convert.java.SimpleDataCellToJavaConverterFactory(Doub
    leValue,class java.lang.Double,Double)" type="xstring"/>
<setting
    key="consumption_path_converter_src"
    value="org.knime.core.data.DoubleValue" type="xstring"/>
<setting
    key="consumption_path_converter_dst"
    value="java.lang.Double"
    type="xstring"/>
<setting key="consumption_path_converter_name" value="Double" type="xstring"/>
<setting key="consumption_path_converter_config" type="config">
</settings>
</setting>
<setting
    key="consumption_path_consumer"
    value="java.lang.Double->DOUBLE"

```

```

type="xstring"/>
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type="xstring"/>
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<setting key="consumption_path_consumer_name" value="DOUBLE" type="xstring"/>
<setting key="consumption_path_consumer_config" type="config">
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</settings>
</setting>
<setting key="type_to_type_mapping_rule_5" type="config">
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type="xstring"/>
</settings>
</setting>
<setting key="intermediate_type" value="java.time.LocalDate" type="xstring"/>
<setting key="external_type" value="DATE" type="xstring"/>
<setting key="consumption_path_converter"
value="org.knime.core.data.convert.java.SimpleDataCellToJavaConverterFactory(Local
DateValue,class java.time.LocalDate,LocalDate)" type="xstring"/>
<setting key="consumption_path_converter_src"
value="org.knime.core.data.time.localdate.LocalDateValue" type="xstring"/>
<setting key="consumption_path_converter_dst" value="java.time.LocalDate"
type="xstring"/>
<setting key="consumption_path_converter_name" value="LocalDate"
type="xstring"/>
<setting key="consumption_path_converter_config" type="config">
<settings/>
</setting>
<setting key="consumption_path_consumer" value="java.time.LocalDate->DATE"
type="xstring"/>
<setting key="consumption_path_consumer_src" value="java.time.LocalDate"
type="xstring"/>
<setting key="consumption_path_consumer_dst" value="DATE" type="xstring"/>
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<setting key="consumption_path_consumer_config" type="config">
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</settings>
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<settings>

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<setting key="cell_class" value="org.knime.core.data.time.localtime.LocalTimeCell"
type="xstring"/>
</settings>
</setting>
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<setting key="external_type" value="TIME" type="xstring"/>
<setting key="consumption_path_converter"
value="org.knime.core.data.convert.java.SimpleDataCellToJavaConverterFactory(Local
TimeValue,class java.time.LocalTime,LocalTime)" type="xstring"/>
<setting key="consumption_path_converter_src"
value="org.knime.core.data.time.localtime.LocalTimeValue" type="xstring"/>
<setting key="consumption_path_converter_dst" value="java.time.LocalTime"
type="xstring"/>
<setting key="consumption_path_converter_name" value="LocalTime"
type="xstring"/>
<setting key="consumption_path_converter_config" type="config">
</settings>
</setting>
<setting key="consumption_path_consumer" value="java.time.LocalTime->TIME"
type="xstring"/>
<setting key="consumption_path_consumer_src" value="java.time.LocalTime"
type="xstring"/>
<setting key="consumption_path_consumer_dst" value="TIME" type="xstring"/>
<setting key="consumption_path_consumer_name" value="TIME" type="xstring"/>
<setting key="consumption_path_consumer_config" type="config">
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</settings>
</setting>
<setting key="type_to_type_mapping_rule_7" type="config">
</settings>
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</settings>
<setting key="cell_class"
value="org.knime.core.data.time.localdatetime.LocalDateTimeCell" type="xstring"/>
</settings>
</setting>
<setting key="intermediate_type" value="java.time.LocalDateTime" type="xstring"/>
<setting key="external_type" value="TIMESTAMP" type="xstring"/>
<setting key="consumption_path_converter"
value="org.knime.core.data.convert.java.SimpleDataCellToJavaConverterFactory(Local
DateTimeValue,class java.time.LocalDateTime,LocalDateTime)" type="xstring"/>
<setting key="consumption_path_converter_src"
value="org.knime.core.data.time.localdatetime.LocalDateTimeValue" type="xstring"/>
<setting key="consumption_path_converter_dst" value="java.time.LocalDateTime"
type="xstring"/>
<setting key="consumption_path_converter_name" value="LocalDateTime"

```

```

type="xstring"/>
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</setting>
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>TIMESTAMP" type="xstring"/>
<setting key="consumption_path_consumer_src" value="java.time.LocalDateTime"
type="xstring"/>
<setting key="consumption_path_consumer_dst" value="TIMESTAMP"
type="xstring"/>
<setting key="consumption_path_consumer_name" value="TIMESTAMP"
type="xstring"/>
<setting key="consumption_path_consumer_config" type="config">
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</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_8" type="config">
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<settings>
<setting key="cell_class"
value="org.knime.core.data.time.zoneddatetime.ZonedDateTimeCell" type="xstring"/>
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</setting>
<setting key="intermediate_type" value="java.lang.String" type="xstring"/>
<setting key="external_type" value="VARCHAR" type="xstring"/>
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value="org.knime.core.data.convert.java.SimpleDataCellToJavaConverterFactory(Data
Value,class java.lang.String,String (toString()))" type="xstring"/>
<setting key="consumption_path_converter_src"
value="org.knime.core.data.DataValue" type="xstring"/>
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type="xstring"/>
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type="xstring"/>
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</setting>
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type="xstring"/>
<setting key="consumption_path_consumer_src" value="java.lang.String"
type="xstring"/>
<setting key="consumption_path_consumer_dst" value="VARCHAR" type="xstring"/>
<setting key="consumption_path_consumer_name" value="VARCHAR"
type="xstring"/>
<setting key="consumption_path_consumer_config" type="config">

```

```

<settings/>
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type="xstring"/>
</settings>
</setting>
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value="org.knime.core.data.convert.java.SimpleDataCellToJavaConverterFactory(Data
Value,class java.lang.String,String (toString()))" type="xstring"/>
<setting key="consumption_path_converter_src"
value="org.knime.core.data.DataValue" type="xstring"/>
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type="xstring"/>
<setting key="consumption_path_converter_name" value="String (toString())"
type="xstring"/>
<setting key="consumption_path_converter_config" type="config">
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</setting>
<setting key="consumption_path_consumer" value="java.lang.String->VARCHAR"
type="xstring"/>
<setting key="consumption_path_consumer_src" value="java.lang.String"
type="xstring"/>
<setting key="consumption_path_consumer_dst" value="VARCHAR" type="xstring"/>
<setting key="consumption_path_consumer_name" value="VARCHAR"
type="xstring"/>
<setting key="consumption_path_consumer_config" type="config">
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</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_10" type="config">
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<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.time.period.PeriodCell"
type="xstring"/>
</settings>
</setting>
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```

```

<setting key="external_type" value="VARCHAR" type="xstring"/>
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value="org.knime.core.data.convert.java.SimpleDataCellToJavaConverterFactory(Data
Value,class java.lang.String,String (toString()))" type="xstring"/>
<setting key="consumption_path_converter_src"
value="org.knime.core.data.DataValue" type="xstring"/>
<setting key="consumption_path_converter_dst" value="java.lang.String"
type="xstring"/>
<setting key="consumption_path_converter_name" value="String (toString())"
type="xstring"/>
<setting key="consumption_path_converter_config" type="config">
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</setting>
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type="xstring"/>
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type="xstring"/>
<setting key="consumption_path_consumer_dst" value="VARCHAR" type="xstring"/>
<setting key="consumption_path_consumer_name" value="VARCHAR"
type="xstring"/>
<setting key="consumption_path_consumer_config" type="config">
<settings/>
</setting>
</settings>
</setting>
<setting key="type_to_type_mapping_rule_11" type="config">
<settings>
<setting key="type" type="config">
<settings>
<setting key="cell_class" value="org.knime.core.data.blob.BinaryObjectDataCell"
type="xstring"/>
</settings>
</setting>
<setting key="intermediate_type" value="java.io.InputStream" type="xstring"/>
<setting key="external_type" value="BLOB" type="xstring"/>
<setting key="consumption_path_converter"
value="org.knime.core.data.convert.java.SimpleDataCellToJavaConverterFactory(Binar
yObjectDataValue,class java.io.InputStream,InputStream)" type="xstring"/>
<setting key="consumption_path_converter_src"
value="org.knime.core.data.blob.BinaryObjectDataValue" type="xstring"/>
<setting key="consumption_path_converter_dst" value="java.io.InputStream"
type="xstring"/>
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type="xstring"/>
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</setting>

```

```

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type="xstring"/>
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</setting>
</settings>
</setting>
</settings>
</setting>
</settings>
</setting>
</settings>
<outputs>
<output index="0" type="flowvariable port"/>
<output index="1" type="PortType(DBSessionPortObjectSpec,DBSessionPortObject)">
<successors>
<successor id="12" portIndex="1"/>
</successors>
</output>
</outputs>
</node>
<node id="9" name="Concatenate" type="Manipulator" state="EXECUTED"
graphDepth="1" annotation="7 -Junção de dados">
<factoryKey
className="org.knime.base.node.preproc.append.row.AppendedRowsNodeFactory"/
>
<settings>
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<setting key="append_suffix" value="true" type="xboolean"/>
<setting key="intersection_of_columns" value="false" type="xboolean"/>
<setting key="suffix" value="_dup" type="xstring"/>
<setting key="enable_hiliting" value="false" type="xboolean"/>
</settings>
<outputs>
<output index="0" type="flowvariable port"/>
<output index="1" type="table">
<tableSpec>
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<columnDomain>
<values>
<value>2019</value>
<value>2018</value>

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```
<value>2017</value>
</values>
</columnDomain>
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</column>
<column name="CO_IES" type="String" index="1">
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</column>
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<columnDomain>
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</column>
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<value>F</value>
</values>
</columnDomain>
<columnproperties/>
</column>
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</column>
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favor faca um um replace em todos jonyanimal%%00010 que encontrar nesse arquivo e
no outro%%00010 */%%00010DROP DATABASE jonyanimal;%%00010CREATE
DATABASE IF NOT EXISTS jonyanimal;%%00010%%00010USE
jonyanimal;%%00010%%00010/*%%00010 Base de dados relacional%%00010 toda a
estrutura usada%%00010 */%%00010%%00010create table if not exists
QuestionarioEstudante%%00010(%%00010%%00009ID_QuestionarioEstudante int
auto_increment,%%00010%%00009QE_I01 varchar(1) null,%%00010%%00009QE_I02
varchar(1) null,%%00010%%00009QE_I03 varchar(1) null,%%00010%%00009QE_I04
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varchar(1) null,%%00010%%00009QE_I09 varchar(1) null,%%00010%%00009QE_I10
varchar(1) null,%%00010%%00009QE_I11 varchar(1) null,%%00010%%00009QE_I12
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varchar(1) null,%%00010%%00009QE_I15 varchar(1) null,%%00010%%00009QE_I16 int
null,%%00010%%00009QE_I17 varchar(1) null,%%00010%%00009QE_I18 varchar(1)
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null,%%00010%%00009QE_I25 varchar(1) null,%%00010%%00009QE_I26 varchar(1)
null,%%00010%%00009constraint
ID_QuestionarioEstudante%%00010%%00009%%00009unique
(ID_QuestionarioEstudante)%%00010);%%00010%%00010alter table
QuestionarioEstudante%%00010%%00009add primary key
(ID_QuestionarioEstudante);%%00010%%00010create table if not exists
QuestionarioProva%%00010(%%00010%%00009ID_QuestionarioProva int
auto_increment,%%00010%%00009RS_I1 varchar(1) null,%%00010%%00009RS_I2
varchar(1) null,%%00010%%00009RS_I3 varchar(1) null,%%00010%%00009RS_I4
varchar(1) null,%%00010%%00009RS_I5 varchar(1) null,%%00010%%00009RS_I6
varchar(1) null,%%00010%%00009RS_I7 varchar(1) null,%%00010%%00009RS_I8
varchar(1) null,%%00010%%00009RS_I9 varchar(1) null,%%00010%%00009constraint

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```

ID_QuestionarioProva%%00010%%00009%%00009unique
(ID_QuestionarioProva)%%00010);%%00010%%00010alter          table
QuestionarioProva%%00010%%00009add          primary          key
(ID_QuestionarioProva);%%00010%%00010create    table    if    not    exists
TBEstudante%%00010(%%00010%%00009ID_Estudante          int
auto_increment,%%00010%%00009NR_Idade    int    null,%%00010%%00009DS_Sexo
varchar(100)          null,%%00010%%00009AnoConclusaoEnsinoMedio          int
null,%%00010%%00009AnoInicioGraduacao    int    null,%%00010%%00009DS_Turno
varchar(100)          null,%%00010%%00009B_InscricaoAdm          tinyint(1)
null,%%00010%%00009B_Concluinte    tinyint(1)    null,%%00010%%00009constraint
ID_Estudante%%00010%%00009%%00009unique
(ID_Estudante)%%00010);%%00010%%00010alter          table
TBEstudante%%00010%%00009add          primary          key
(ID_Estudante);%%00010%%00010DROP          TRIGGER          IF          EXISTS
TBEstudante_TR_ON_INSERT;%%00010%%00010create    table    if    not    exists
TBGauConcordanciaAluno%%00010(%%00010%%00009ID_GrauConcordanciaAluno
int auto_increment,%%00010%%00009QE_I27 int null,%%00010%%00009QE_I28 int
null,%%00010%%00009QE_I29          int          null,%%00010%%00009QE_I30          int
null,%%00010%%00009QE_I31          int          null,%%00010%%00009QE_I32          int
null,%%00010%%00009QE_I33          int          null,%%00010%%00009QE_I34          int
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null,%%00010%%00009QE_I37          int          null,%%00010%%00009QE_I38          int
null,%%00010%%00009QE_I39          int          null,%%00010%%00009QE_I40          int
null,%%00010%%00009QE_I41          int          null,%%00010%%00009QE_I42          int
null,%%00010%%00009QE_I43          int          null,%%00010%%00009QE_I44          int
null,%%00010%%00009QE_I45          int          null,%%00010%%00009QE_I46          int
null,%%00010%%00009QE_I47          int          null,%%00010%%00009QE_I48          int
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null,%%00010%%00009QE_I61          int          null,%%00010%%00009QE_I62          int
null,%%00010%%00009QE_I63          int          null,%%00010%%00009QE_I64          int
null,%%00010%%00009QE_I65          int          null,%%00010%%00009QE_I66          int
null,%%00010%%00009QE_I67          int          null,%%00010%%00009QE_I68          int
null,%%00010%%00009constraint
ID_GrauConcordanciaAluno%%00010%%00009%%00009unique
(ID_GrauConcordanciaAluno)%%00010);%%00010%%00010alter          table
TBGauConcordanciaAluno%%00010%%00009add          primary          key
(ID_GrauConcordanciaAluno);%%00010%%00010create    table    if    not    exists
TBInstituicao%%00010(%%00010%%00009Cod_Modalidade          tinyint(1)
null,%%00010%%00009Cod_Curso int null,%%00010%%00009Cod_AreaDoCurso int
null,%%00010%%00009Cod_OrganizacaoAcademica          int
null,%%00010%%00009Cod_Categoria int null,%%00010%%00009ID_Instituicao int
auto_increment,%%00010%%00009constraint

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```

ID_Instituicao%%00010%%00009%%00009unique
(ID_Instituicao),%%00010%%00009constraint
tudo_index%%00010%%00009%%00009unique (Cod_Modalidade, Cod_AreaDoCurso,
Cod_Categoria, Cod_OrganizacaoAcademica,
Cod_Curso)%%00010);%%00010%%00010alter table
TBInstituicao%%00010%%00009add primary key
(ID_Instituicao);%%00010%%00010create table if not exists
TBMunicipio%%00010(%%00010%%00009Cod_Municipio int not
null,%%00010%%00009DS_Nome varchar(200) null,%%00010%%00009constraint
Cod_Municipio%%00010%%00009%%00009unique
(Cod_Municipio)%%00010);%%00010%%00010alter table
TBMunicipio%%00010%%00009add primary key
(Cod_Municipio);%%00010%%00010create table if not exists
TBNota%%00010(%%00010%%00009ID_Nota int
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null,%%00010%%00009NR_BrutaGeral decimal(13,2)
null,%%00010%%00009NR_BrutaObjetivaGeral decimal(13,2)
null,%%00010%%00009NR_BrutaDiscursivaGeral decimal(13,2)
null,%%00010%%00009NR_Q1_Geral decimal(13,2)
null,%%00010%%00009NR_LP_Q1_DiscursivaGeral decimal(13,2)
null,%%00010%%00009NR_Conteudo_Q1_DiscursivaGeral decimal(13,2)
null,%%00010%%00009NR_Q2_Geral decimal(13,2)
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null,%%00010%%00009NR_Q3_DiscursivaEspecifico decimal(13,2)
null,%%00010%%00009constraint ID_Nota%%00010%%00009%%00009unique
(ID_Nota)%%00010);%%00010%%00010alter table TBNota%%00010%%00009add
primary key (ID_Nota);%%00010%%00010create table if not exists
TBRegiao%%00010(%%00010%%00009ID_Regiao int
auto_increment,%%00010%%00009DS_Nome varchar(200)
null,%%00010%%00009constraint ID_Regiao%%00010%%00009%%00009unique
(ID_Regiao)%%00010);%%00010%%00010alter table TBRegiao%%00010%%00009add
primary key (ID_Regiao);%%00010%%00010create table if not exists
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int null,%%00010%%00009Cod_ObjativaGeral int
null,%%00010%%00009Cod_DiscursivaGeral int
null,%%00010%%00009Cod_ObjativaEspecifico int
null,%%00010%%00009Cod_DiscursivaEspecifico int null,%%00010%%00009constraint
ID_TipoPresenca%%00010%%00009%%00009unique
(ID_TipoPresenca),%%00010%%00009constraint
tudo_index%%00010%%00009%%00009unique (Cod_Enade, Cod_DiscursivaEspecifico,

```

```

Cod_DiscursivaGeral,          Cod_Prova,          Cod_ObjativaEspecifico,
Cod_ObjativaGeral)%%00010);%%00010%%00010alter          table
TBTipoPresenca%%00010%%00009add          primary          key
(ID_TipoPresenca);%%00010%%00010create          table          if          not          exists
TBUF%%00010(%%00010%%00009ID_UF          int          not          null,%%00010%%00009DS_UF
varchar(50)          null,%%00010%%00009constraint
ID_UF%%00010%%00009%%00009unique          (ID_UF)%%00010);%%00010%%00010alter
table TBUF%%00010%%00009add primary key (ID_UF);%%00010%%00010create table
if          not          exists          Dados%%00010(%%00010%%00009ID_Dados          int
auto_increment,%%00010%%00009NR_Ano          int
null,%%00010%%00009FK_SQ_Instituicao int null,%%00010%%00009FK_SQ_Municipio
int null,%%00010%%00009FK_SQ_UF int null,%%00010%%00009FK_SQ_Regiao int
null,%%00010%%00009FK_SQ_TipoPresenca          int
null,%%00010%%00009FK_SQ_Estudante int null,%%00010%%00009FK_SQ_Nota int
null,%%00010%%00009FK_SQ_QuestionarioProva          int
null,%%00010%%00009FK_SQ_QuestionarioEstudante          int
null,%%00010%%00009FK_SQ_GrauConcordanciaAluno          int
null,%%00010%%00009constraint          ID_Dados%%00010%%00009%%00009unique
(ID_Dados),%%00010%%00009constraint
Dados_TBGracuConcordanciaAluno_ID_GrauConcordanciaAluno_fk%%00010%%00009
%%00009foreign          key          (FK_SQ_GrauConcordanciaAluno)          references
TBGracuConcordanciaAluno (ID_GrauConcordanciaAluno),%%00010%%00009constraint
Dados_TBInstituicao_ID_Instituicao_fk%%00010%%00009%%00009foreign          key
(FK_SQ_Instituicao)          references          TBInstituicao
(ID_Instituicao),%%00010%%00009constraint
Dados_TBUF_ID_UF_fk%%00010%%00009%%00009foreign key (FK_SQ_UF) references
TBUF          (ID_UF),%%00010%%00009constraint
Dados_ibfk_1%%00010%%00009%%00009foreign key (FK_SQ_Regiao) references
TBRegiao          (ID_Regiao),%%00010%%00009constraint
Dados_ibfk_3%%00010%%00009%%00009foreign          key          (FK_SQ_TipoPresenca)
references          TBTipoPresenca          (ID_TipoPresenca),%%00010%%00009constraint
Dados_ibfk_4%%00010%%00009%%00009foreign key (FK_SQ_Estudante) references
TBEstudante          (ID_Estudante),%%00010%%00009constraint
Dados_ibfk_5%%00010%%00009%%00009foreign key (FK_SQ_Nota) references
TBNota          (ID_Nota),%%00010%%00009constraint
Dados_ibfk_6%%00010%%00009%%00009foreign key (FK_SQ_QuestionarioEstudante)
references          QuestionarioEstudante
(ID_QuestionarioEstudante),%%00010%%00009constraint
Dados_ibfk_7%%00010%%00009%%00009foreign key (FK_SQ_QuestionarioProva)
references          QuestionarioProva (ID_QuestionarioProva),%%00010%%00009constraint
Dados_ibfk_8%%00010%%00009%%00009foreign key (FK_SQ_Municipio) references
TBMunicipio          (Cod_Municipio)%%00010);%%00010%%00010create          index
FK_SQ_Estudante%%00010%%00009on          Dados
(FK_SQ_Estudante);%%00010%%00010create          index
FK_SQ_Municipio%%00010%%00009on          Dados
(FK_SQ_Municipio);%%00010%%00010create index FK_SQ_Nota%%00010%%00009on
Dados          (FK_SQ_Nota);%%00010%%00010create          index

```

FK_SQ_QuestionarioEstudante%%00010%%00009on	Dados
(FK_SQ_QuestionarioEstudante);%%00010%%00010create	index
FK_SQ_QuestionarioProva%%00010%%00009on	Dados
(FK_SQ_QuestionarioProva);%%00010%%00010create	index
FK_SQ_Regiao%%00010%%00009on	Dados
(FK_SQ_Regiao);%%00010%%00010create	index
FK_SQ_TipoPresenca%%00010%%00009on	Dados
(FK_SQ_TipoPresenca);%%00010%%00010alter table Dados%%00010%%00009add	
primary key (ID_Dados);%%00010%%00010%%00010%%00010/*%%00010INSERINDO	
OS DADOS DEFAULT%%00010 */%%00010%%00010-- INSERINDO NA TABELA DE	
REGIAO%%00010INSERT INTO jonyanimal.TBRegiao (ID_Regiao, DS_Nome) VALUES (1,	
'NORTE');%%00010INSERT INTO jonyanimal.TBRegiao (ID_Regiao, DS_Nome) VALUES	
(2, 'NORDESTE');%%00010INSERT INTO jonyanimal.TBRegiao (ID_Regiao, DS_Nome)	
VALUES (3, 'SUDESTE');%%00010INSERT INTO jonyanimal.TBRegiao (ID_Regiao,	
DS_Nome) VALUES (4, 'SUL');%%00010INSERT INTO jonyanimal.TBRegiao (ID_Regiao,	
DS_Nome) VALUES (5, 'CENTRO-OESTE');%%00010%%00010-- INSERINDO NA TABELA	
UF%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (11,	
'Rondônia');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (12,	
'Acre');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (13,	
'Amazonas');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (14,	
'Roraima');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (15,	
'Pará');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (16,	
'Amapá');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (17,	
'Tocantins');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (21,	
'Maranhão');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (22,	
'Piauí');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (23,	
'Ceará');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (24, 'Rio	
Grande do Norte');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (25,	
'Paraíba');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (26,	
'Pernambuco');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (27,	
'Alagoas');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (28,	
'Sergipe');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (29,	
'Bahia');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (31, 'Minas	
gerais');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (32, 'Espírito	
santo');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (33, 'Rio de	
janeiro');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (35, 'São	
paulo');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (41,	
'Paraná');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (42, 'Santa	
catarina');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (43, 'Rio	
grande do sul');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (50,	
'Mato grosso do sul');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES	
(51, 'Mato grosso');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (52,	
'Goiás');%%00010INSERT INTO jonyanimal.TBUF (ID_UF, DS_UF) VALUES (53, 'Distrito	
federal');%%00010%%00010-- inserindo na tabela municipio%%00010insert into	
jonyanimal.TBMunicipio (Cod_Municipio, DS_Nome)%%00010values (1100015, ' ALTA	
FLORESTA D'OESTE'),%%00010 (1100023, ' ARIQUEMES'),%%00010 (1100031, '	
CABIXI'),%%00010 (1100049, ' CACOAL'),%%00010 (1100056, ' CEREJEIRAS'),%%00010	
(1100064, ' COLORADO DO OESTE'),%%00010 (1100072, ' CORUMBIARA'),%%00010	

(1100080, ' COSTA MARQUES'),%%00010 (1100098, ' ESPIGAO D'OESTE'),%%00010
(1100106, ' GUAJARA-MIRIM'),%%00010 (1100114, ' JARU'),%%00010 (1100122, ' JI-
PARANA'),%%00010 (1100130, ' MACHADINHO D'OESTE'),%%00010 (1100148, ' NOVA
BRASILANDIA D'OESTE'),%%00010 (1100155, ' OURO PRETO DO OESTE'),%%00010
(1100189, ' PIMENTA BUENO'),%%00010 (1100205, ' PORTO VELHO'),%%00010
(1100254, ' PRESIDENTE MEDICI'),%%00010 (1100262, ' RIO CRESPO'),%%00010
(1100288, ' ROLIM DE MOURA'),%%00010 (1100296, ' SANTA LUZIA D'OESTE'),%%00010
(1100304, ' VILHENA'),%%00010 (1100320, ' SAO MIGUEL DO GUAPORE'),%%00010
(1100338, ' NOVA MAMORE'),%%00010 (1100346, ' ALVORADA D'OESTE'),%%00010
(1100379, ' ALTO ALEGRE DO PARECIS'),%%00010 (1100403, ' ALTO PARAISO'),%%00010
(1100452, ' BURITIS'),%%00010 (1100502, ' NOVO HORIZONTE DO OESTE'),%%00010
(1100601, ' CACAULANDIA'),%%00010 (1100700, ' CAMPO NOVO DE
RONDONIA'),%%00010 (1100809, ' CANDEIAS DO JAMARI'),%%00010 (1100908, '
CASTANHEIRAS'),%%00010 (1100924, ' CHUPINGUAIA'),%%00010 (1100940, '
CUJUBIM'),%%00010 (1101005, ' GOVERNADOR JORGE TEIXEIRA'),%%00010 (1101104,
' ITAPUA DO OESTE'),%%00010 (1101203, ' MINISTRO ANDREAZZA'),%%00010
(1101302, ' MIRANTE DA SERRA'),%%00010 (1101401, ' MONTE NEGRO'),%%00010
(1101435, ' NOVA UNIAO'),%%00010 (1101450, ' PARECIS'),%%00010 (1101468, '
PIMENTEIRAS DO OESTE'),%%00010 (1101476, ' PRIMAVERA DE RONDONIA'),%%00010
(1101484, ' SAO FELIPE D OESTE'),%%00010 (1101492, ' SAO FRANCISCO DO
GUAPORE'),%%00010 (1101500, ' SERINGUEIRAS'),%%00010 (1101559, '
TEIXEIROPOLIS'),%%00010 (1101609, ' THEOBROMA'),%%00010 (1101708, '
URUPA'),%%00010 (1101757, ' VALE DO ANARI'),%%00010 (1101807, ' VALE DO
PARAISO'),%%00010 (1200013, ' ACRELANDIA'),%%00010 (1200054, ' ASSIS
BRASIL'),%%00010 (1200104, ' BRASILEIA'),%%00010 (1200138, ' BUJARI'),%%00010
(1200179, ' CAPIXABA'),%%00010 (1200203, ' CRUZEIRO DO SUL'),%%00010 (1200252, '
EPITACIOLANDIA'),%%00010 (1200302, ' FEIJO'),%%00010 (1200328, '
JORDAO'),%%00010 (1200336, ' MANCIO LIMA'),%%00010 (1200344, ' MANOEL
URBANO'),%%00010 (1200351, ' MARECHAL THAUMATURGO'),%%00010 (1200385, '
PLACIDO DE CASTRO'),%%00010 (1200393, ' PORTO WALTER'),%%00010 (1200401, ' RIO
BRANCO'),%%00010 (1200427, ' RODRIGUES ALVES'),%%00010 (1200435, ' SANTA ROSA
DO PURUS'),%%00010 (1200450, ' SENADOR GUIOMARD'),%%00010 (1200500, ' SENA
MADUREIRA'),%%00010 (1200609, ' TARAUACA'),%%00010 (1200708, '
XAPURI'),%%00010 (1200807, ' PORTO ACRE'),%%00010 (1300029, '
ALVARAES'),%%00010 (1300060, ' AMATURA'),%%00010 (1300086, '
ANAMA'),%%00010 (1300102, ' ANORI'),%%00010 (1300144, ' APUI'),%%00010
(1300201, ' ATALAIA DO NORTE'),%%00010 (1300300, ' AUTAZES'),%%00010 (1300409,
' BARCELOS'),%%00010 (1300508, ' BARREIRINHA'),%%00010 (1300607, ' BENJAMIN
CONSTANT'),%%00010 (1300631, ' BERURI'),%%00010 (1300680, ' BOA VISTA DO
RAMOS'),%%00010 (1300706, ' BOCA DO ACRE'),%%00010 (1300805, '
BORBA'),%%00010 (1300839, ' CAAPIRANGA'),%%00010 (1300904, '
CANUTAMA'),%%00010 (1301001, ' CARAUARI'),%%00010 (1301100, '
CAREIRO'),%%00010 (1301159, ' CAREIRO DA VARZEA'),%%00010 (1301209, '
COARI'),%%00010 (1301308, ' CODAJAS'),%%00010 (1301407, ' EIRUNEPE'),%%00010
(1301506, ' ENVIRA'),%%00010 (1301605, ' FONTE BOA'),%%00010 (1301654, '
GUAJARA'),%%00010 (1301704, ' HUMAITA'),%%00010 (1301803, ' IPIXUNA'),%%00010
(1301852, ' IRANDUBA'),%%00010 (1301902, ' ITACOATIARA'),%%00010 (1301951, '

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NOVEMBRO'),%%00010 (4315404, ' REDENTORA'),%%00010 (4315453, ' RELVADO'),%%00010 (4315503, ' RESTINGA SECA'),%%00010 (4315552, ' RIO DO INDIOS'),%%00010 (4315602, ' RIO GRANDE'),%%00010 (4315701, ' RIO PARDO'),%%00010 (4315750, ' RIOZINHO'),%%00010 (4315800, ' ROCA SALES'),%%00010 (4315909, ' RODEIO BONITO'),%%00010 (4315958, ' ROLADOR'),%%00010 (4316006, ' ROLANTE'),%%00010 (4316105, ' RONDA ALTA'),%%00010 (4316204, ' RONDINHA'),%%00010 (4316303, ' ROQUE GONZALES'),%%00010 (4316402, ' ROSARIO DO SUL'),%%00010 (4316428, ' SAGRADA FAMILIA'),%%00010 (4316436, ' SALDANHA MARINHO'),%%00010 (4316451, ' SALTO DO JACUI'),%%00010 (4316477, ' SALVADOR DAS MISSOES'),%%00010 (4316501, ' SALVADOR DO SUL'),%%00010 (4316600, ' SANANDUVA'),%%00010 (4316709, ' SANTA BARBARA DO SUL'),%%00010 (4316733, ' SANTA CECILIA DO SUL'),%%00010 (4316758, ' SANTA CLARA DO SUL'),%%00010 (4316808, ' SANTA CRUZ DO SUL'),%%00010 (4316907, ' SANTA MARIA'),%%00010 (4316956, ' SANTA MARIA DO HERVAL'),%%00010 (4316972, ' SANTA MARGARIDA DO SUL'),%%00010 (4317004, ' SANTANA DA BOA VISTA'),%%00010 (4317103, ' SANTANA DO LIVRAMENTO'),%%00010 (4317202, ' SANTA ROSA'),%%00010 (4317251, ' SANTA TEREZA'),%%00010 (4317301, ' SANTA VITORIA DO PALMAR'),%%00010 (4317400, ' SANTIAGO'),%%00010 (4317509, ' SANTO ANGELO'),%%00010 (4317558, ' SANTO ANTONIO DO PALMA'),%%00010 (4317608, ' SANTO ANTONIO DA PATRULHA'),%%00010 (4317707, ' SANTO ANTONIO DAS MISSOES'),%%00010 (4317756, ' SANTO ANTONIO DO PLANALTO'),%%00010 (4317806, ' SANTO AUGUSTO'),%%00010 (4317905, ' SANTO CRISTO'),%%00010 (4317954, ' SANTO EXPEDITO DO SUL'),%%00010 (4318002, ' SAO BORJA'),%%00010 (4318051, ' SAO DOMINGOS DO SUL'),%%00010 (4318101, ' SAO FRANCISCO DE ASSIS'),%%00010 (4318200, ' SAO FRANCISCO DE PAULA'),%%00010 (4318309, ' SAO GABRIEL'),%%00010 (4318408, ' SAO JERONIMO'),%%00010 (4318424, ' SAO JOAO DA URTIGA'),%%00010 (4318432, ' SAO JOAO DO POLESINE'),%%00010 (4318440, ' SAO JORGE'),%%00010 (4318457, ' SAO JOSE DAS MISSOES'),%%00010 (4318465, ' SAO JOSE DO HERVAL'),%%00010 (4318481, ' SAO JOSE DO HORTENCIO'),%%00010 (4318499, ' SAO JOSE DO INHACORA'),%%00010 (4318507, ' SAO JOSE DO NORTE'),%%00010 (4318606, ' SAO JOSE DO OURO'),%%00010 (4318614, ' SAO JOSE DO SUL'),%%00010 (4318622, ' SAO JOSE DO AUSENTES'),%%00010 (4318705, ' SAO LEOPOLDO'),%%00010 (4318804, ' SAO LOURENCO DO SUL'),%%00010 (4318903, ' SAO LUIZ GONZAGA'),%%00010 (4319000, ' SAO MARCOS'),%%00010 (4319109, ' SAO MARTINHO'),%%00010 (4319125, ' SAO MARTINHO DA SERRA'),%%00010 (4319158, ' SAO MIGUEL DAS MISSOES'),%%00010 (4319208, ' SAO NICOLAU'),%%00010 (4319307, ' SAO PAULO DAS MISSOES'),%%00010 (4319356, ' SAO PEDRO DA SERRA'),%%00010 (4319364, ' SAO PEDRO DAS MISSOES'),%%00010 (4319372, ' SAO PEDRO DO BUTIA'),%%00010 (4319406, ' SAO PEDRO DO SUL'),%%00010 (4319505, ' SAO SEBASTIAO DO CAI'),%%00010 (4319604, ' SAO SEPE'),%%00010 (4319703, ' SAO VALENTIM'),%%00010 (4319711, ' SAO VALENTIM DO SUL'),%%00010 (4319737, ' SAO VALERIO DO SUL'),%%00010 (4319752, ' SAO VENDELINO'),%%00010 (4319802, ' SAO VICENTE DO SUL'),%%00010 (4319901, ' SAPIRANGA'),%%00010 (4320008, ' SAPUCAIA DO SUL'),%%00010 (4320107, ' SARANDI'),%%00010 (4320206, ' SEBERI'),%%00010 (4320230, ' SEDE NOVA'),%%00010 (4320263, ' SEGREDO'),%%00010 (4320305, ' SELBACH'),%%00010 (4320321, ' SENADOR SALGADO FILHO'),%%00010 (4320354, ' SENTINELA DO SUL'),%%00010 (4320404, ' SERAFINA CORREA'),%%00010 (4320453, '

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-- nao precisa%%00010 );%%00010%%00010 SET IDSQTipoPresenca = (%%00010 SELECT
ID_TipoPresenca%%00010 FROM TBTipoPresenca%%00010 WHERE Cod_Enade =
PRES%%00010 AND Cod_Prova = PR_GER%%00010 AND Cod_ObjativaGeral =
PR_OB_FG%%00010 AND Cod_DiscursivaGeral = PR_DI_FG%%00010 AND

```



```

Cod_ObjativaEspecifico = PR_OB_CE%%00010 AND Cod_DiscursivaEspecifico =
PR_DI_CE%%00010 LIMIT 1 -- nao precisa%%00010 );%%00010%%00010 -- nao pode ser
unico%%00010 INSERT INTO QuestionarioProva(RS_I1, RS_I2, RS_I3, RS_I4, RS_I5,
RS_I6, RS_I7, RS_I8, RS_I9)%%00010 SELECT
CO_RS_I1,CO_RS_I2,CO_RS_I3,CO_RS_I4,CO_RS_I5,CO_RS_I6,CO_RS_I7,CO_RS_I8,CO_
RS_I9%%00010 from tabela_aux WHERE id_aux =
NEW.ID_Estudante;%%00010%%00010 SET IDSQQuestionarioProva =
LAST_INSERT_ID();%%00010%%00010 -- Nao pode ser unico%%00010 INSERT INTO
QuestionarioEstudante(QE_I01, QE_I02, QE_I03, QE_I04, QE_I05, QE_I06, QE_I07,
QE_I08, QE_I09, QE_I10, QE_I11, QE_I12, QE_I13, QE_I14, QE_I15, QE_I16, QE_I17,
QE_I18, QE_I19, QE_I20, QE_I21, QE_I22, QE_I23, QE_I24, QE_I25, QE_I26)%%00010
SELECT%%00010 QE_I01%%00010 , QE_I02%%00010 , QE_I03%%00010 ,
QE_I04%%00010 , QE_I05%%00010 , QE_I06%%00010 , QE_I07%%00010 ,
QE_I08%%00010 , QE_I09%%00010 , QE_I10%%00010 , QE_I11%%00010 ,
QE_I12%%00010 , QE_I13%%00010 , QE_I14%%00010 , QE_I15%%00010 , IF(QE_I16 =
", NULL,QE_I16)%%00010 , QE_I17%%00010 , QE_I18%%00010 , QE_I19%%00010 ,
QE_I20%%00010 , QE_I21%%00010 , QE_I22%%00010 , QE_I23%%00010 ,
QE_I24%%00010 , QE_I25%%00010 , QE_I26%%00010 from tabela_aux WHERE id_aux
= NEW.ID_Estudante;%%00010%%00010 SET IDSQQuestionarioEstudante =
LAST_INSERT_ID();%%00010%%00010 -- nao pode ser unico%%00010 INSERT INTO
TBGrauConcordanciaAluno(QE_I27, QE_I28, QE_I29, QE_I30, QE_I31, QE_I32, QE_I33,
QE_I34, QE_I35, QE_I36, QE_I37, QE_I38, QE_I39, QE_I40, QE_I41, QE_I42, QE_I43,
QE_I44, QE_I45, QE_I46, QE_I47, QE_I48, QE_I49, QE_I50, QE_I51, QE_I52, QE_I53,
QE_I54, QE_I55, QE_I56, QE_I57, QE_I58, QE_I59, QE_I60, QE_I61, QE_I62, QE_I63,
QE_I64, QE_I65, QE_I66, QE_I67, QE_I68)%%00010 SELECT if(QE_I27 =
",NULL,QE_I27)%%00010 , if(QE_I28 = ",NULL,QE_I28)%%00010 , if(QE_I29 =
",NULL,QE_I29)%%00010 , if(QE_I30 = ",NULL,QE_I30)%%00010 , if(QE_I31 =
",NULL,QE_I31)%%00010 , if(QE_I32 = ",NULL,QE_I32)%%00010 , if(QE_I33 =
",NULL,QE_I33)%%00010 , if(QE_I34 = ",NULL,QE_I34)%%00010 , if(QE_I35 =
",NULL,QE_I35)%%00010 , if(QE_I36 = ",NULL,QE_I36)%%00010 , if(QE_I37 =
",NULL,QE_I37)%%00010 , if(QE_I38 = ",NULL,QE_I38)%%00010 , if(QE_I39 =
",NULL,QE_I39)%%00010 , if(QE_I40 = ",NULL,QE_I40)%%00010 , if(QE_I41 =
",NULL,QE_I41)%%00010 , if(QE_I42 = ",NULL,QE_I42)%%00010 , if(QE_I43 =
",NULL,QE_I43)%%00010 , if(QE_I44 = ",NULL,QE_I44)%%00010 , if(QE_I45 =
",NULL,QE_I45)%%00010 , if(QE_I46 = ",NULL,QE_I46)%%00010 , if(QE_I47 =
",NULL,QE_I47)%%00010 , if(QE_I48 = ",NULL,QE_I48)%%00010 , if(QE_I49 =
",NULL,QE_I49)%%00010 , if(QE_I50 = ",NULL,QE_I50)%%00010 , if(QE_I51 =
",NULL,QE_I51)%%00010 , if(QE_I52 = ",NULL,QE_I52)%%00010 , if(QE_I53 =
",NULL,QE_I53)%%00010 , if(QE_I54 = ",NULL,QE_I54)%%00010 , if(QE_I55 =
",NULL,QE_I55)%%00010 , if(QE_I56 = ",NULL,QE_I56)%%00010 , if(QE_I57 =
",NULL,QE_I57)%%00010 , if(QE_I58 = ",NULL,QE_I58)%%00010 , if(QE_I59 =
",NULL,QE_I59)%%00010 , if(QE_I60 = ",NULL,QE_I60)%%00010 , if(QE_I61 =
",NULL,QE_I61)%%00010 , if(QE_I62 = ",NULL,QE_I62)%%00010 , if(QE_I63 =
",NULL,QE_I63)%%00010 , if(QE_I64 = ",NULL,QE_I64)%%00010 , if(QE_I65 =
",NULL,QE_I65)%%00010 , if(QE_I66 = ",NULL,QE_I66)%%00010 , if(QE_I67 =
",NULL,QE_I67)%%00010 , if(QE_I68 = ",NULL,QE_I68)%%00010 from tabela_aux
WHERE id_aux = NEW.ID_Estudante;%%00010%%00010 SET

```

```

IDSQGrauConcordanciaAluno = LAST_INSERT_ID();%%00010%%00010 -- nao pode ser
unico%%00010 insert into TBNota(%%00010 NR_BrutaProva%%00010 ,
NR_BrutaGeral%%00010 , NR_BrutaObjetivaGeral%%00010 ,
NR_BrutaDiscursivaGeral%%00010 , NR_Q1_Geral%%00010 ,
NR_LP_Q1_DiscursivaGeral%%00010 , NR_Conteudo_Q1_DiscursivaGeral%%00010 ,
NR_Q2_Geral%%00010 , NR_LP_Q2_DiscursivaGeral%%00010 ,
NR_Conteudo_Q2_DiscursivaGeral%%00010 ,
NR_BrutaComponenteEspecifico%%00010 , NR_BrutaObjetivaEspecifico%%00010 ,
NR_BrutaDiscursivaEspecifico%%00010 , NR_Q1_DiscursivaEspecifico%%00010 ,
NR_Q2_DiscursivaEspecifico%%00010 , NR_Q3_DiscursivaEspecifico%%00010 SELECT
IF(NT_GER = ",NULL, REPLACE(NT_GER,',','.')),%%00010 IF(NT_FG = ",NULL,
REPLACE(NT_FG,',','.')),%%00010 IF(NT_OBJ_FG = ",NULL,
REPLACE(NT_OBJ_FG,',','.')),%%00010 IF(NT_DIS_FG = ",NULL,
REPLACE(NT_DIS_FG,',','.')),%%00010 IF(NT_FG_D1 = ",NULL,
REPLACE(NT_FG_D1,',','.')),%%00010 IF(NT_FG_D1_PT = ",NULL,
REPLACE(NT_FG_D1_PT,',','.')),%%00010 IF(NT_FG_D1_CT = ",NULL,
REPLACE(NT_FG_D1_CT,',','.')),%%00010 IF(NT_FG_D2 = ",NULL,
REPLACE(NT_FG_D2,',','.')),%%00010 IF(NT_FG_D2_PT = ",NULL,
REPLACE(NT_FG_D2_PT,',','.')),%%00010 IF(NT_FG_D2_CT = ",NULL,
REPLACE(NT_FG_D2_CT,',','.')),%%00010 IF(NT_CE = ",NULL,
REPLACE(NT_CE,',','.')),%%00010 IF(NT_OBJ_CE = ",NULL,
REPLACE(NT_OBJ_CE,',','.')),%%00010 IF(NT_DIS_CE = ",NULL,
REPLACE(NT_DIS_CE,',','.')),%%00010 IF(NT_CE_D1 = ",NULL,
REPLACE(NT_CE_D1,',','.')),%%00010 IF(NT_CE_D2 = ",NULL,
REPLACE(NT_CE_D2,',','.')),%%00010 IF(NT_CE_D3 = ",NULL,
REPLACE(NT_CE_D3,',','.')),%%00010 from tabela_aux WHERE id_aux =
NEW.ID_Estudante;%%00010%%00010 SET IDSQNota =
LAST_INSERT_ID();%%00010%%00010 -- nao pode ser unico%%00010 insert into
Dados(NR_Ano%%00010 , FK_SQ_Instituicao%%00010 , FK_SQ_Municipio%%00010 ,
FK_SQ_UF%%00010 , FK_SQ_Regiao%%00010 , FK_SQ_TipoPresenca%%00010 ,
FK_SQ_Estudante%%00010 , FK_SQ_Nota%%00010 ,
FK_SQ_QuestionarioProva%%00010 , FK_SQ_QuestionarioEstudante%%00010 ,
FK_SQ_GrauConcordanciaAluno)%%00010 SELECT NU_ANO%%00010
,IDSQInstituicao%%00010 ,CO_MUNIC_CURSO%%00010 ,CO_UF_CURSO%%00010
,CO_REGIAO_CURSO%%00010 ,IDSQTipoPresenca%%00010
,NEW.ID_Estudante%%00010 ,IDSQNota%%00010 ,IDSQQuestionarioProva%%00010
,IDSQQuestionarioEstudante%%00010 ,IDSQGrauConcordanciaAluno%%00010 from
tabela_aux WHERE id_aux = NEW.ID_Estudante;%%00010%%00010%%00010 END;"
type="xstring"/>

```

</settings>

<outputs>

<output index="0" type="flowvariable port"/>

<output index="1" type="PortType(DBSessionPortObjectSpec,DBSessionPortObject)">

<successors>

<successor id="15" portIndex="1"/>

</successors>

</output>

```

</outputs>
</node>
<node id="15" name="DB SQL Executor" type="Manipulator" state="EXECUTED"
graphDepth="3" annotation="11 - Estutura 2">
<factoryKey
className="org.knime.database.node.manipulation.executor.DBExecutorNodeFactory
"/>
<settings>
<setting key="multipleStatement_Internals" type="config">
<settings>
<setting key="SettingsModelID" value="SMID_boolean" type="xstring"/>
<setting key="EnabledStatus" value="true" type="xboolean"/>
</settings>
</setting>
<setting key="multipleStatement" value="true" type="xboolean"/>
<setting key="statementSeparator_Internals" type="config">
<settings>
<setting key="SettingsModelID" value="SMID_string" type="xstring"/>
<setting key="EnabledStatus" value="true" type="xboolean"/>
</settings>
</setting>
<setting key="statementSeparator" value=";" type="xstring"/>
<setting key="statement_Internals" type="config">
<settings>
<setting key="SettingsModelID" value="SMID_string" type="xstring"/>
<setting key="EnabledStatus" value="true" type="xboolean"/>
</settings>
</setting>
<setting key="statement" value="create table tabela_aux%%00010(%%00010 NU_ANO
varchar(100) null,%%00010 CO_IES varchar(100) null,%%00010 CO_CATEGAD
varchar(100) null,%%00010 CO_ORGACAD varchar(100) null,%%00010 CO_GRUPO
varchar(100) null,%%00010 CO_CURSO varchar(100) null,%%00010 CO_MODALIDADE
varchar(100) null,%%00010 CO_MUNIC_CURSO varchar(100) null,%%00010
CO_UF_CURSO varchar(100) null,%%00010 CO_REGIAO_CURSO varchar(100)
null,%%00010 NU_IDADE varchar(100) null,%%00010 TP_SEXO varchar(100)
null,%%00010 ANO_FIM_EM varchar(100) null,%%00010 ANO_IN_GRAD varchar(100)
null,%%00010 CO_TURNO_GRADUACAO varchar(100) null,%%00010
TP_INSCRICAO_ADM varchar(100) null,%%00010 TP_INSCRICAO varchar(100)
null,%%00010 NU_ITEM_OFG varchar(100) null,%%00010 NU_ITEM_OFG_Z
varchar(100) null,%%00010 NU_ITEM_OFG_X varchar(100) null,%%00010
NU_ITEM_OFG_N varchar(100) null,%%00010 NU_ITEM_OCE varchar(100)
null,%%00010 NU_ITEM_OCE_Z varchar(100) null,%%00010 NU_ITEM_OCE_X
varchar(100) null,%%00010 NU_ITEM_OCE_N varchar(100) null,%%00010
DS_VT_GAB_OFG_ORIG varchar(100) null,%%00010 DS_VT_GAB_OFG_FIN
varchar(100) null,%%00010 DS_VT_GAB_OCE_ORIG varchar(100) null,%%00010
DS_VT_GAB_OCE_FIN varchar(100) null,%%00010 DS_VT_ESC_OFG varchar(100)
null,%%00010 DS_VT_ACE_OFG varchar(100) null,%%00010 DS_VT_ESC_OCE

```

varchar(100) null,%%00010 DS_VT_ACE_OCE varchar(100) null,%%00010 TP PRES
varchar(100) null,%%00010 TP_PR_GER varchar(100) null,%%00010 TP_PR_OB_FG
varchar(100) null,%%00010 TP_PR_DI_FG varchar(100) null,%%00010 TP_PR_OB_CE
varchar(100) null,%%00010 TP_PR_DI_CE varchar(100) null,%%00010 TP_SFG_D1
varchar(100) null,%%00010 TP_SFG_D2 varchar(100) null,%%00010 TP_SCE_D1
varchar(100) null,%%00010 TP_SCE_D2 varchar(100) null,%%00010 TP_SCE_D3
varchar(100) null,%%00010 NT_GER varchar(100) null,%%00010 NT_FG varchar(100)
null,%%00010 NT_OBJ_FG varchar(100) null,%%00010 NT_DIS_FG varchar(100)
null,%%00010 NT_FG_D1 varchar(100) null,%%00010 NT_FG_D1_PT varchar(100)
null,%%00010 NT_FG_D1_CT varchar(100) null,%%00010 NT_FG_D2 varchar(100)
null,%%00010 NT_FG_D2_PT varchar(100) null,%%00010 NT_FG_D2_CT varchar(100)
null,%%00010 NT_CE varchar(100) null,%%00010 NT_OBJ_CE varchar(100)
null,%%00010 NT_DIS_CE varchar(100) null,%%00010 NT_CE_D1 varchar(100)
null,%%00010 NT_CE_D2 varchar(100) null,%%00010 NT_CE_D3 varchar(100)
null,%%00010 CO_RS_I1 varchar(100) null,%%00010 CO_RS_I2 varchar(100)
null,%%00010 CO_RS_I3 varchar(100) null,%%00010 CO_RS_I4 varchar(100)
null,%%00010 CO_RS_I5 varchar(100) null,%%00010 CO_RS_I6 varchar(100)
null,%%00010 CO_RS_I7 varchar(100) null,%%00010 CO_RS_I8 varchar(100)
null,%%00010 CO_RS_I9 varchar(100) null,%%00010 QE_I01 varchar(100) null,%%00010
QE_I02 varchar(100) null,%%00010 QE_I03 varchar(100) null,%%00010 QE_I04
varchar(100) null,%%00010 QE_I05 varchar(100) null,%%00010 QE_I06 varchar(100)
null,%%00010 QE_I07 varchar(100) null,%%00010 QE_I08 varchar(100) null,%%00010
QE_I09 varchar(100) null,%%00010 QE_I10 varchar(100) null,%%00010 QE_I11
varchar(100) null,%%00010 QE_I12 varchar(100) null,%%00010 QE_I13 varchar(100)
null,%%00010 QE_I14 varchar(100) null,%%00010 QE_I15 varchar(100) null,%%00010
QE_I16 varchar(100) null,%%00010 QE_I17 varchar(100) null,%%00010 QE_I18
varchar(100) null,%%00010 QE_I19 varchar(100) null,%%00010 QE_I20 varchar(100)
null,%%00010 QE_I21 varchar(100) null,%%00010 QE_I22 varchar(100) null,%%00010
QE_I23 varchar(100) null,%%00010 QE_I24 varchar(100) null,%%00010 QE_I25
varchar(100) null,%%00010 QE_I26 varchar(100) null,%%00010 QE_I27 varchar(100)
null,%%00010 QE_I28 varchar(100) null,%%00010 QE_I29 varchar(100) null,%%00010
QE_I30 varchar(100) null,%%00010 QE_I31 varchar(100) null,%%00010 QE_I32
varchar(100) null,%%00010 QE_I33 varchar(100) null,%%00010 QE_I34 varchar(100)
null,%%00010 QE_I35 varchar(100) null,%%00010 QE_I36 varchar(100) null,%%00010
QE_I37 varchar(100) null,%%00010 QE_I38 varchar(100) null,%%00010 QE_I39
varchar(100) null,%%00010 QE_I40 varchar(100) null,%%00010 QE_I41 varchar(100)
null,%%00010 QE_I42 varchar(100) null,%%00010 QE_I43 varchar(100) null,%%00010
QE_I44 varchar(100) null,%%00010 QE_I45 varchar(100) null,%%00010 QE_I46
varchar(100) null,%%00010 QE_I47 varchar(100) null,%%00010 QE_I48 varchar(100)
null,%%00010 QE_I49 varchar(100) null,%%00010 QE_I50 varchar(100) null,%%00010
QE_I51 varchar(100) null,%%00010 QE_I52 varchar(100) null,%%00010 QE_I53
varchar(100) null,%%00010 QE_I54 varchar(100) null,%%00010 QE_I55 varchar(100)
null,%%00010 QE_I56 varchar(100) null,%%00010 QE_I57 varchar(100) null,%%00010
QE_I58 varchar(100) null,%%00010 QE_I59 varchar(100) null,%%00010 QE_I60
varchar(100) null,%%00010 QE_I61 varchar(100) null,%%00010 QE_I62 varchar(100)
null,%%00010 QE_I63 varchar(100) null,%%00010 QE_I64 varchar(100) null,%%00010
QE_I65 varchar(100) null,%%00010 QE_I66 varchar(100) null,%%00010 QE_I67

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varchar(100) null,%%00010 QE_I68 varchar(100) null,%%00010 QE_I69 varchar(100)
null,%%00010 QE_I70 varchar(100) null,%%00010 QE_I71 varchar(100) null,%%00010
QE_I72 varchar(100) null,%%00010 QE_I73 varchar(100) null,%%00010 QE_I74
varchar(100) null,%%00010 QE_I75 varchar(100) null,%%00010 QE_I76 varchar(100)
null,%%00010 QE_I77 varchar(100) null,%%00010 QE_I78 varchar(100) null,%%00010
QE_I79 varchar(100) null,%%00010 QE_I80 varchar(100) null,%%00010 QE_I81
varchar(100) null,%%00010);" type="xstring"/>
</settings>
<outputs>
<output index="0" type="flowvariable port"/>
<output index="1" type="PortType(DBSessionPortObjectSpec,DBSessionPortObject)">
<successors>
<successor id="11" portIndex="2"/>
</successors>
</output>
</outputs>
</node>
<node id="11" name="DB Loader" type="Sink" state="EXECUTED" graphDepth="4"
annotation="12 - Fazendo load dos dados">
<factoryKey
className="org.knime.database.node.io.load.node.DBLoaderNodeFactory2"/>
<settings>
<setting key="dbType" value="mysql" type="xstring"/>
<setting key="targetFolder_Internals" type="config">
<settings>
<setting key="SettingsModelID" value="SMID_WriterFileChooser" type="xstring"/>
<setting key="EnabledStatus" value="false" type="xboolean"/>
</settings>
</setting>
<setting key="targetFolder" type="config">
<settings>
<setting key="file_system_chooser__Internals" type="config">
<settings>
<setting key="has_fs_port" value="false" type="xboolean"/>
<setting key="overwritten_by_variable" value="false" type="xboolean"/>
<setting key="convenience_fs_category" value="LOCAL" type="xstring"/>
<setting key="connected_fs" value="true" type="xboolean"/>
</settings>
</setting>
<setting key="path" type="config">
<settings>
<setting key="location_present" value="true" type="xboolean"/>
<setting key="file_system_type" value="LOCAL" type="xstring"/>
<setting key="path" value="" type="xstring"/>
</settings>
</setting>
<setting key="filter_mode_Internals" type="config">

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```
<settings>
<setting key="SettingsModelID" value="SMID_FilterMode" type="xstring"/>
<setting key="EnabledStatus" value="false" type="xboolean"/>
</settings>
</setting>
<setting key="create_missing_folders" value="false" type="xboolean"/>
</settings>
</setting>
<setting key="tableName_Internals" type="config">
<settings>
<setting key="SettingsModelID" value="SMID_dbmetadata" type="xstring"/>
<setting key="EnabledStatus" value="true" type="xboolean"/>
</settings>
</setting>
<setting key="tableName" type="config">
<settings>
<setting key="database" value="" type="xstring"/>
<setting key="schema" value="jonyanimal" type="xstring"/>
<setting key="table" value="tabela_aux" type="xstring"/>
</settings>
</setting>
<setting key="loaderMode_Internals" type="config">
<settings>
<setting key="SettingsModelID" value="SMID_string" type="xstring"/>
<setting key="EnabledStatus" value="true" type="xboolean"/>
</settings>
</setting>
<setting key="loaderMode" value="localTemporaryFile" type="xstring"/>
<setting key="fileFormat_Internals" type="config">
<settings>
<setting key="SettingsModelID" value="SMID_csvfileformat" type="xstring"/>
<setting key="EnabledStatus" value="true" type="xboolean"/>
</settings>
</setting>
<setting key="fileFormat" type="config">
<settings>
<setting key="colSeparator" value="," type="xstring"/>
<setting key="missing" value="\N" type="xstring"/>
<setting key="quoteBegin" value=""" type="xstring"/>
<setting key="quoteEnd" value=""" type="xstring"/>
<setting key="quoteMode" value="STRINGS" type="xstring"/>
<setting key="quoteReplacement" value="" type="xstring"/>
<setting key="sepReplacePattern" value="" type="xstring"/>
<setting key="ReplSepInStrings" value="false" type="xboolean"/>
<setting key="writeColHeader" value="false" type="xboolean"/>
<setting key="writeRowHeader" value="false" type="xboolean"/>
<setting key="decimalSeparator" value="." type="xchar"/>
```

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<setting key="lineEndingMode" value="SYST" type="xstring"/>
<setting key="charSet" value="UTF-8" type="xstring"/>
<setting key="scientificExtrema" value="true" type="xboolean"/>
</settings>
</setting>
</settings>
<outputs>
<output index="0" type="flowvariable port"/>
<output index="1" type="PortType(DBSessionPortObjectSpec,DBSessionPortObject)">
<successors>
<successor id="14" portIndex="1"/>
</successors>
</output>
</outputs>
</node>
<node id="14" name="DB SQL Executor" type="Manipulator" state="EXECUTED"
graphDepth="5" annotation="13 - Estrutura dos dados 3">
<factoryKey
className="org.knime.database.node.manipulation.executor.DBExecutorNodeFactory
"/>
<settings>
<setting key="multipleStatement_Internals" type="config">
<settings>
<setting key="SettingsModelID" value="SMID_boolean" type="xstring"/>
<setting key="EnabledStatus" value="true" type="xboolean"/>
</settings>
</setting>
<setting key="multipleStatement" value="true" type="xboolean"/>
<setting key="statementSeparator_Internals" type="config">
<settings>
<setting key="SettingsModelID" value="SMID_string" type="xstring"/>
<setting key="EnabledStatus" value="true" type="xboolean"/>
</settings>
</setting>
<setting key="statementSeparator" value=";" type="xstring"/>
<setting key="statement_Internals" type="config">
<settings>
<setting key="SettingsModelID" value="SMID_string" type="xstring"/>
<setting key="EnabledStatus" value="true" type="xboolean"/>
</settings>
</setting>
<setting key="statement" value="/*%%00010 Arquivo para ser usado depois que for
inserido a carga de dados na tabela aux%%00010 */%%00010USE
jonyanimal;%%00010%%00010/*tratando os dados vazios e nulos*/%%00010ALTER
TABLE tabela_aux ADD id_aux INT PRIMARY KEY AUTO_INCREMENT;%%00010UPDATE
tabela_aux SET%%00010 NU_ANO = IF(NU_ANO in ('','NA','
'),NULL,NU_ANO)%%00010,CO_IES = IF(CO_IES in ('','NA','

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'),NULL,CO_IES)%%00010,CO_CATEGAD      =      IF(CO_CATEGAD      in      ('','NA','
'),NULL,CO_CATEGAD)%%00010,CO_ORGACAD  =      IF(CO_ORGACAD  in      ('','NA','
'),NULL,CO_ORGACAD)%%00010,CO_GRUPO    =      IF(CO_GRUPO    in      ('','NA','
'),NULL,CO_GRUPO)%%00010,CO_CURSO      =      IF(CO_CURSO      in      ('','NA','
'),NULL,CO_CURSO)%%00010,CO_MODALIDADE = IF(CO_MODALIDADE in ('','NA','
'),NULL,CO_MODALIDADE)%%00010,CO_MUNIC_CURSO = IF(CO_MUNIC_CURSO in
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in
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```


'),NULL,TP_SCE_D2)%%00010,TP_SCE_D3	=	IF(TP_SCE_D3	in	('','NA','
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'),NULL,QE_I10)%%00010,QE_I11	=	IF(QE_I11	in	('','NA','
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'),NULL,QE_I80)%%00010,QE_I81      =      IF(QE_I81      in      ('','NA','
'),NULL,QE_I81);%%00010%%00010%%00010%%00010/*%%00010 inserindo todas as
instituicoes encontradas na base de dados%%00010 */%%00010insert ignore into
TBInstituicao (Cod_OrganizacaoAcademica, Cod_Categoria, Cod_AreaDoCurso,
Cod_Curso, Cod_Modalidade)%%00010select
CO_ORGACAD,CO_CATEGAD,CO_GRUPO,CO_CURSO,CO_MODALIDADE from
tabela_aux;%%00010%%00010%%00010/*%%00010 inserindo os tipos de
presenca%%00010 */%%00010insert ignore into TBTipoPresenca (%%00010
Cod_Enade%%00010 , Cod_Prova%%00010 , Cod_ObjativaGeral%%00010 ,
Cod_DiscursivaGeral%%00010 , Cod_ObjativaEspecifico%%00010 ,
Cod_DiscursivaEspecifico)%%00010SELECT TP_PRES%%00010 ,TP_PR_GER%%00010
,TP_PR_OB_FG%%00010 ,TP_PR_DI_FG%%00010 ,TP_PR_OB_CE%%00010
,TP_PR_DI_CE%%00010from tabela_aux;%%00010%%00010-- inserindo os dados na
base relacional%%00010insert into TBEstudante(NR_Idade, DS_Sexo,
AnoConclusaoEnsinoMedio, AnoInicioGraduacao, DS_Turno, B_InscricaoAdm,
B_Concluinte)%%00010SELECT
NU_IDADE,TP_SEXO,ANO_FIM_EM,ANO_IN_GRAD,CO_TURNNO_GRADUACAO,TP_INSC
RICA_O_ADM,TP_INSCRICA_O from tabela_aux;%%00010%%00010 -- tirando as coisas
que nao precisamos mais%%00010DROP TRIGGER IF EXISTS
TBEstudante_TR_ON_INSERT;%%00010DROP TABLE jonyanimal.tabela_aux;%%00010"
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</settings>
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```

```

ctory"/>
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</outputs>
</node>
</nodes>
<annotations/>
</workflow>
</WorkflowSummary>

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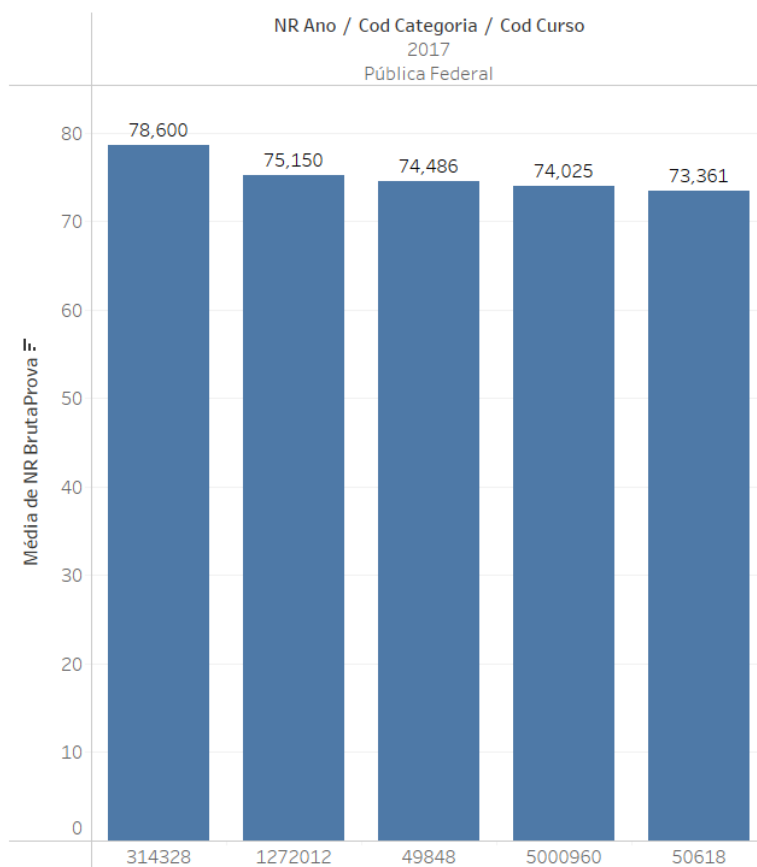
Questão 5

Pergunta 1

Quais os 5 melhores cursos públicos federais no ano de 2017?

NR Ano	Cod Categoria	Cod Curso	Média de NR Bruta Prova
2017	Pública Federal	50618	73,36087
2017	Pública Federal	5000960	74,025
2017	Pública Federal	49848	74,485714
2017	Pública Federal	1272012	75,15
2017	Pública Federal	314328	78,6

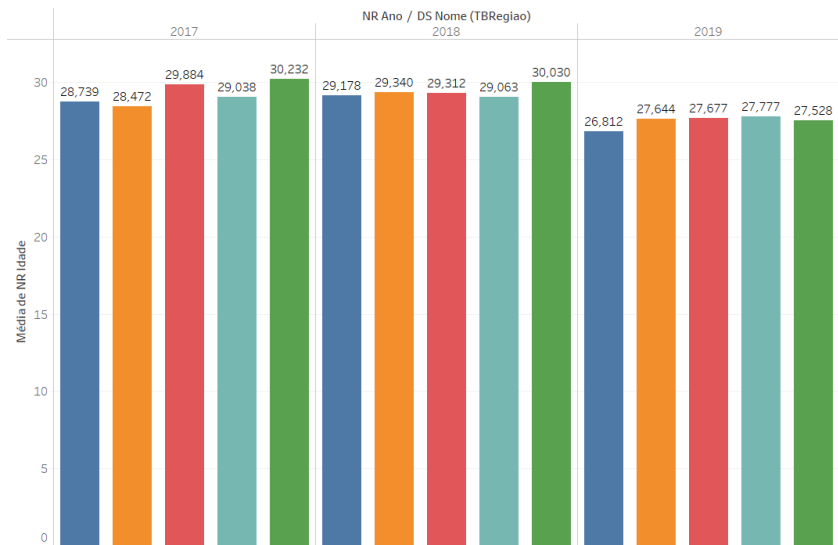
5 melhores cursos em 2017



Pergunta 2

Qual média de idade por região que se inscreveram?

Média das idades por região

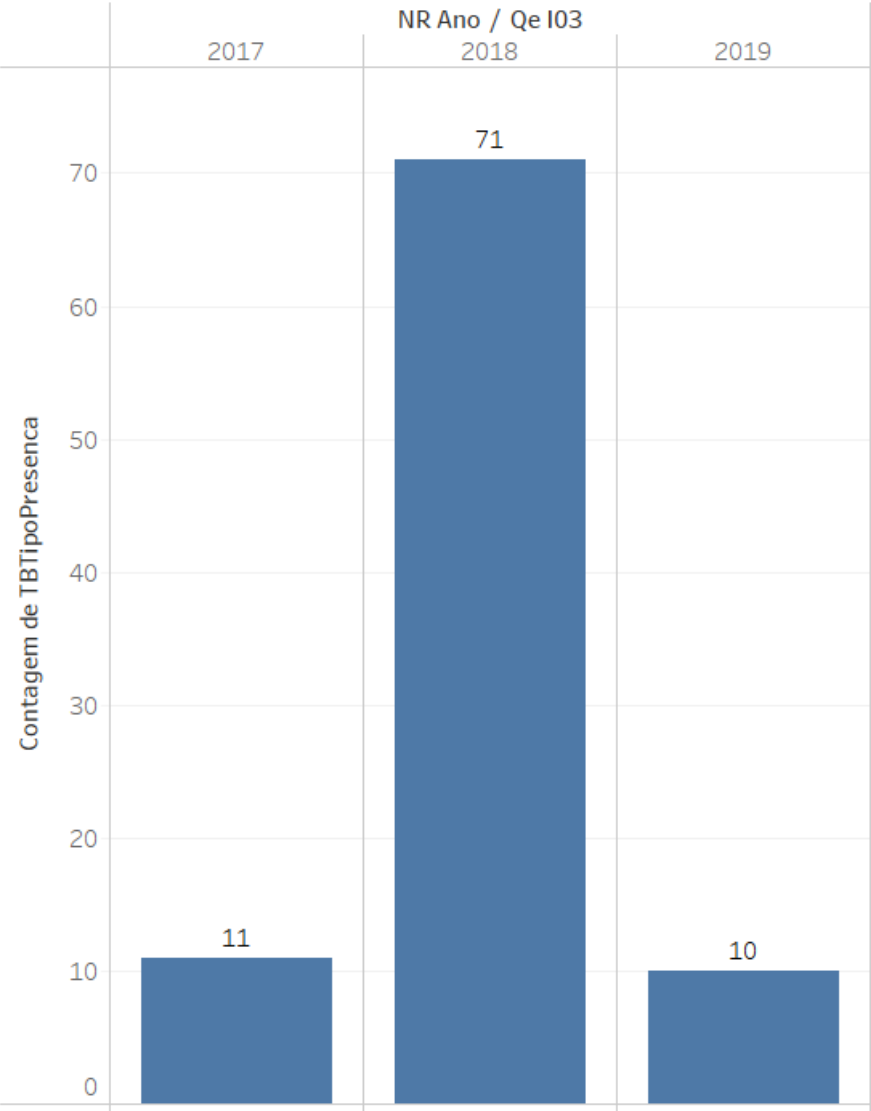


DS Nome (TBRegiao)
CENTRO-OESTE
NORDESTE
NORTE
SUDESTE
SUL

NR		
Ano	DS Nome (TBRegiao)	Média de NR Idade
2017	SUL	30,2319
2017	SUDESTE	29,0382
2017	NORTE	29,8838
2017	NORDESTE	28,4719
2017	CENTRO-OESTE	28,7388
2018	SUL	30,0297
2018	SUDESTE	29,0627
2018	NORTE	29,3119
2018	NORDESTE	29,3399
2018	CENTRO-OESTE	29,1776
2019	SUL	27,5279
2019	SUDESTE	27,7765
2019	NORTE	27,6774
2019	NORDESTE	27,6437
2019	CENTRO-OESTE	26,8117

Pergunta 3
Qual o percentual dos estrangeiros que fizeram a prova?

Quantidade de estrangeiros que fizeram a prova

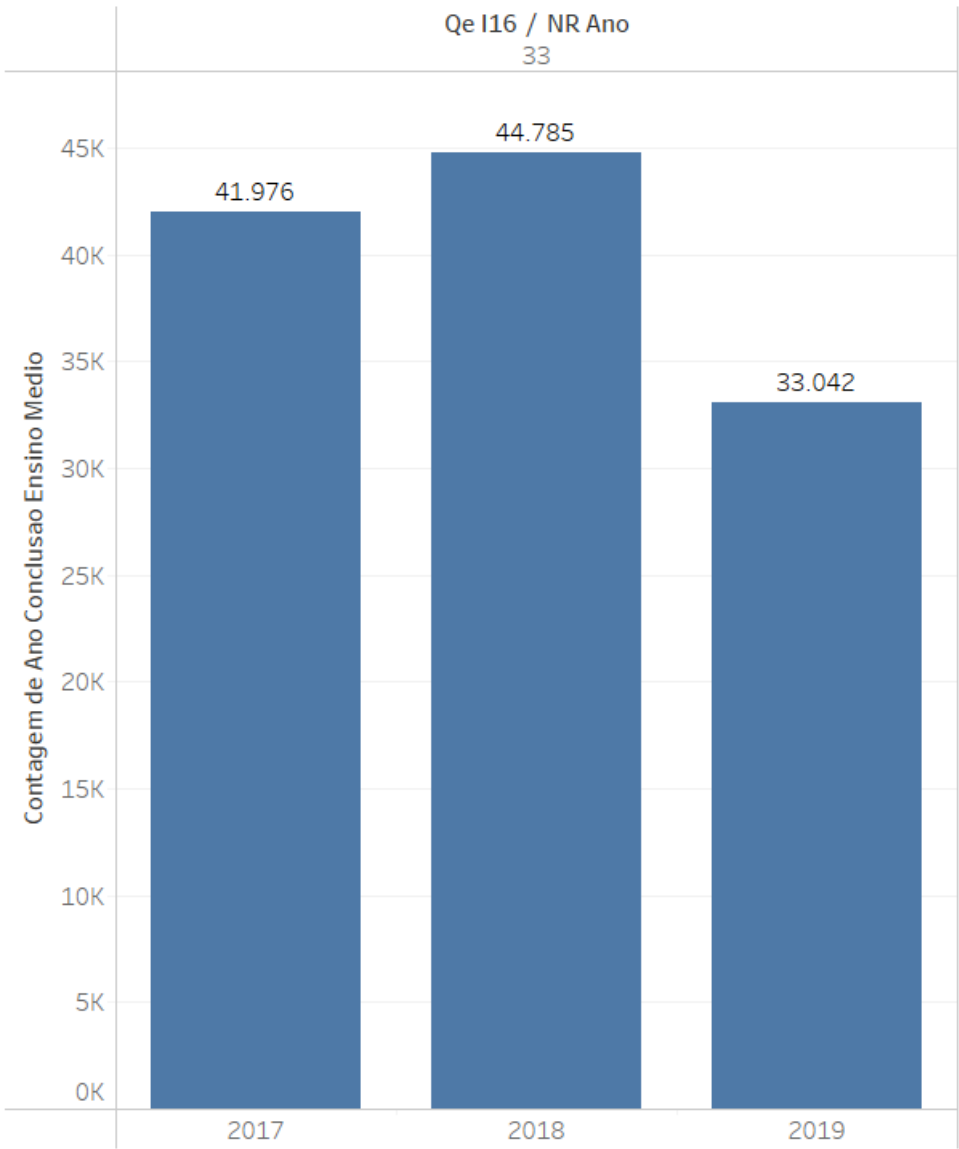


NR Ano	Qe I03	Contagem de TBTipoPresenca
2017	C	11
2018	C	71
2019	C	10

Onde Qe 03 é o campo que responde se é estrangeiro ou não.

Pergunta 4
Quantos concluíram o ensino médio no Rio de janeiro?

Quantos concluíram o ensino médio no Rio de Janeiro

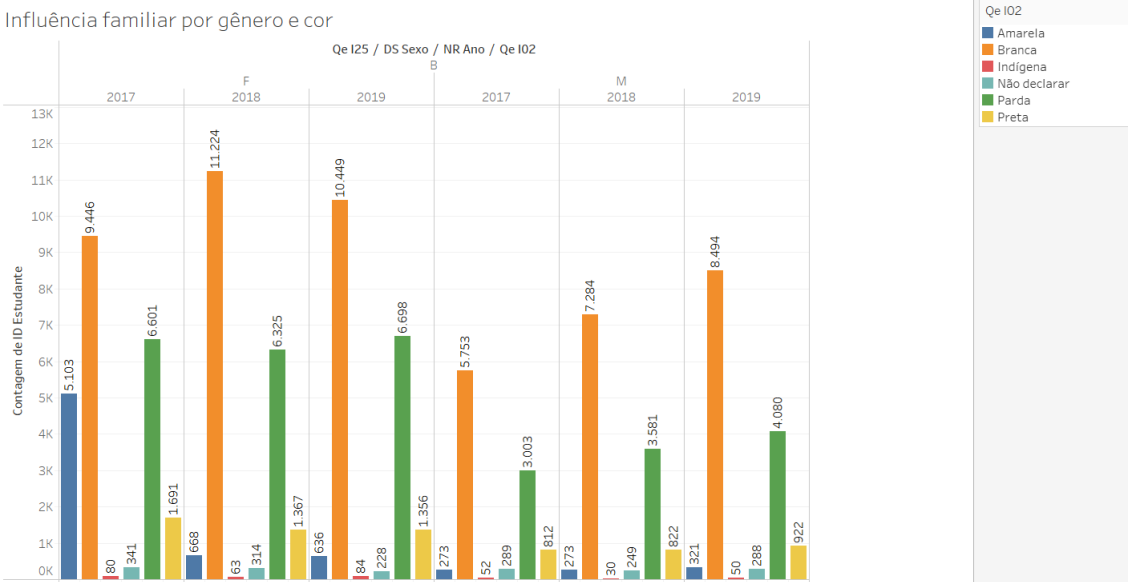


Qe I16	NR Ano	Contagem de Ano Conclusao Ensino Medio
33	2019	33042
33	2018	44785
33	2017	41976

Onde Qe I16 é o campo que responde de qual região é.

Pergunta 5

QE_I25 B = Influência familiar foi o principal motivo para ter escolhido o curso? Quais os 5 melhores cursos publicos federais no ano de 2017?



		NR		Contagem de ID Estudante
Qe I25	DS Sexo	Ano	Qe I02	
B	F	2017	Preta	1691
B	F	2017	Parda	6601
B	F	2017	Não declarar	341
B	F	2017	Indígena	80
B	F	2017	Branca	9446
B	F	2017	Amarela	5103
B	F	2018	Preta	1367
B	F	2018	Parda	6325
B	F	2018	Não declarar	314
B	F	2018	Indígena	63
B	F	2018	Branca	11224
B	F	2018	Amarela	668
B	F	2019	Preta	1356
B	F	2019	Parda	6698
B	F	2019	Não declarar	228
B	F	2019	Indígena	84
B	F	2019	Branca	10449
B	F	2019	Amarela	636

B	M	2017 Preta	812
B	M	2017 Parda	3003
B	M	2017 Não declarar	289
B	M	2017 Indígena	52
B	M	2017 Branca	5753
B	M	2017 Amarela	273
B	M	2018 Preta	822
B	M	2018 Parda	3581
B	M	2018 Não declarar	249
B	M	2018 Indígena	30
B	M	2018 Branca	7284
B	M	2018 Amarela	273
B	M	2019 Preta	922
B	M	2019 Parda	4080
B	M	2019 Não declarar	288
B	M	2019 Indígena	50
B	M	2019 Branca	8494
B	M	2019 Amarela	321

Onde Qe I25 é o campo que responde sobre a influência da família.

Questão 6

Devido a grande massa de dados não consegui realizar nenhum aprendizado de máquinas pois meu computador não suportou.

Questão 7

Foram utilizadas as seguintes ferramentas:

- Google Cloud com o Mysql 5.7
- Notepad++
- Visual Studio Code
- HeideSQL
- 7zip
- Word
- Excel
- Tableau
- Dbdiagram.io
- DataGrip
- Google Chrome
- Mozilla Firefox
- Putty
- WinSCP
- GitHub