

Hi There,

I am using mysql to read some records in below format and trying to create json format as given below ...

tried using twrite json field like --> tmysqlinput --> tmap (for joins) --> twritejsonfield-->tflowtoiterate-->trest (here it inserts records ).

but when i try to loops multiple times (here I have 7 language codes coming as separate elements (columns) and all of them should go as a array of records with other columns ... how can I achieve this JSON format )?

SQL as below :-

```
ROW_ID INT NOT NULL AUTO_INCREMENT PRIMARY KEY,  
JOB_ID int,  
P_CMO_CODE VARCHAR( 12 ) NOT NULL,  
P_CNTY_CD_LOC VARCHAR( 3 )NOT NULL,  
P_TY_CD VARCHAR( 1 )NOT NULL,  
P_GROUP VARCHAR( 1 )NOT NULL,  
P_ID VARCHAR( 12 )NOT NULL,  
P_LAST_NAM VARCHAR( 35 )NOT NULL,  
P_FST_NAM VARCHAR( 15 ),  
P_MI_NAM VARCHAR( 1 ),  
P_SFX_NAM VARCHAR( 5 ),  
P_TITL_NAM VARCHAR( 5 ),  
P_SSN_NUM VARCHAR( 9 ),  
P_FEIN_ID VARCHAR( 9 ),  
GL_LINE1_AD VARCHAR( 50 )NOT NULL,  
GL_LINE2_AD VARCHAR( 50 ),  
GL_CITY_NAM VARCHAR( 20 )NOT NULL,  
GL_ST_CD VARCHAR( 2 )NOT NULL,  
GL_ZIP_CD VARCHAR( 9 )NOT NULL,  
GL_PHON_NUM VARCHAR( 10 ),  
GL_FAX_NUM VARCHAR( 10 ),  
GL_EMAIL_AD VARCHAR( 50 ),  
GM_LINE1_AD VARCHAR( 50 ),  
GM_LINE2_AD VARCHAR( 50 ),  
GM_CITY_NAM VARCHAR( 20 ),  
GM_ST_CD VARCHAR( 2 ),  
GM_ZIP5_CD VARCHAR( 9 ),  
P_CNTY_CD_MAILING VARCHAR( 3 ),  
GM_PHON_NUM VARCHAR( 10 ),  
GM_FAX_NUM VARCHAR( 10 ),  
P_LANG_CD1 VARCHAR( 2 ),  
P_LANG_CD2 VARCHAR( 2 ),  
P_LANG_CD3 VARCHAR( 2 ),  
P_LANG_CD4 VARCHAR( 2 ),  
P_LANG_CD5 VARCHAR( 2 ),  
P_LANG_CD6 VARCHAR( 2 ),
```

P\_LANG\_CD7 VARCHAR( 2 ),  
P\_GENDER\_CD VARCHAR( 1 ),  
P\_SPECL\_CTR INTEGER ,  
P\_SPECL\_CD1 VARCHAR( 3 )NOT NULL,  
P\_SPECL\_BEG\_DT1 DATE,  
P\_SPECL\_END\_DT1 DATE,  
P\_SPECL\_CD2 VARCHAR( 3 ),  
P\_SPECL\_BEG\_DT2 DATE,  
P\_SPECL\_END\_DT2 DATE,  
P\_SPECL\_CD3 VARCHAR( 3 ),  
P\_SPECL\_BEG\_DT3 DATE,  
P\_SPECL\_END\_DT3 DATE,  
P\_SPECL\_CD4 VARCHAR( 3 ),  
P\_SPECL\_BEG\_DT4 DATE,  
P\_SPECL\_END\_DT4 DATE,  
P\_SPECL\_CD5 VARCHAR( 3 ),  
P\_SPECL\_BEG\_DT5 DATE,  
P\_SPECL\_END\_DT5 DATE,  
P\_SPECL\_CD6 VARCHAR( 3 ),  
P\_SPECL\_BEG\_DT6 DATE,  
P\_SPECL\_END\_DT6 DATE,  
P\_SPECL\_CD7 VARCHAR( 3 ),  
P\_SPECL\_BEG\_DT7 DATE,  
P\_SPECL\_END\_DT7 DATE,  
P\_SPECL\_CD8 VARCHAR( 3 ),  
P\_SPECL\_BEG\_DT8 DATE,  
P\_SPECL\_END\_DT8 DATE,  
P\_SPECL\_CD9 VARCHAR( 3 ),  
P\_SPECL\_BEG\_DT9 DATE,  
P\_SPECL\_END\_DT9 DATE,  
P\_SPECL\_CD10 VARCHAR( 3 ),  
P\_SPECL\_BEG\_DT10 DATE,  
P\_SPECL\_END\_DT10 DATE,  
P\_AGEMIN VARCHAR( 2 ),  
P\_AGEMAX VARCHAR( 2 ),  
P\_HANDICAP VARCHAR( 1 ),  
P\_HOURS\_MO VARCHAR( 1 ),  
P\_OPENHR\_MO VARCHAR( 4 ),  
P\_CLOSEHR\_MO VARCHAR( 4 ),  
P\_HOURS\_TU VARCHAR( 1 ),  
P\_OPENHR\_TU VARCHAR( 4 ),  
P\_CLOSEHR\_TU VARCHAR( 4 ),  
P\_HOURS\_WE VARCHAR( 1 ),  
P\_OPENHR\_WE VARCHAR( 4 ),  
P\_CLOSEHR\_WE VARCHAR( 4 ),  
P\_HOURS\_TH VARCHAR( 1 ),  
P\_OPENHR\_TH VARCHAR( 4 ),  
P\_CLOSEHR\_TH VARCHAR( 4 ),  
P\_HOURS\_FR VARCHAR( 1 ),  
P\_OPENHR\_FR VARCHAR( 4 ),  
P\_CLOSEHR\_FR VARCHAR( 4 ),  
P\_HOURS\_SA VARCHAR( 1 ),  
P\_OPENHR\_SA VARCHAR( 4 ),

```
P_CLOSEHR_SA VARCHAR( 4 ),
P_HOURS_SU VARCHAR( 1 ),
P_OPENHR_SU VARCHAR( 4 ),
P_CLOSEHR_SU VARCHAR( 4 ),
NPI VARCHAR( 10 ),
CRT_DT DATE,
UPD_DT DATE,
JOB_NAME VARCHAR(50),
ERROR_CODE Varchar(1000),
ERROR_MSG VARCHAR(1000)
)
```

Json Structure as below

```
{
  "uuid":"766868787",
  "correlationId":"84376587458",
  "provider": [
    {
      "planCode": "214",
      "planName": "PEACHSTATE",
      "mcolId": null,
      "programTypeCd": null,
      "effectiveStartDate":"2019-04-01",
      "effectiveEndDate": null,
      "npi": null,
      "stateProviderId": "providerId12",
      "pcpFlag": null,
      "genderCd": null,
      "sexLimitsCd": null,
      "ageLowLimit": null,
      "ageHighLimit": null,
      "classificationCd": null,
      "groupFlag": "1",
      "groupName": null,
      "firstName": null,
      "lastName": null,
      "nameSuffix": null,
      "titleName": null,
      "ssn": null,
      "fein": null,
      "emailAddress": null,
      "middleName": null,
      "acceptObInd": null,
      "handicappedAccesibleInd": false,
      "reasonForChange": null,
      "createdOn": null,
    }
  ]
}
```

```
"createdBy": null,
"updatedOn": "2019-11-18T11:59:12.000+00:00",
"updatedBy": null,
"providerLanguages": [
  {
    "languagetypeCd":null,
    "providerSpeaksInd":null,
    "prgmTypeCd":"Medicaid",
    "effectiveStartDate":"2019-04-01",
    "effectiveEndDate":null,
    "createdOn":"2019-11-18T11:59:12.000+00:00",
    "createdBy":null,
    "updatedOn":"2019-11-18T11:59:12.000+00:00",
    "updatedBy":null
  }
],
"providerSpeciality": [
  {
    "specialityCd":null,
    "primarySpecialityInd":null,
    "prgmTypeCd":null,
    "effectiveStartDate":"2019-11-18",
    "effectiveEndDate":null,
    "createdOn":"2019-11-18T11:59:12.000+00:00",
    "createdBy":"121",
    "updatedOn":"2019-11-18T11:59:12.000+00:00",
    "updatedBy":null
  }
],
"providerType": [
  {
    "typeCd":null,
    "createdOn":"2019-11-18T11:59:12.000+00:00",
    "createdBy":"121",
    "updatedOn":"2019-11-18T11:59:12.000+00:00",
    "updatedBy":null
  }
],
"providerHospitalAffiliation": [
  {
    "hospitalName":null,
    "effectiveStartDate":"2019-01-01",
    "effectiveEndDate":null,
    "createdOn":"2019-11-18T11:59:12.000+00:00",
    "createdBy":"121",
    "updatedOn":"2019-11-18T11:59:12.000+00:00",
    "updatedBy":null
  }
],
"providerPhoneNumber": [
  {
    "phoneNumber":"12345678",
    "effectiveStartDate":"2019-11-15",
```

```
"effectiveEndDate":null,
"createdOn":"2019-11-18T11:59:12.000+00:00",
"createdBy":null,
"updatedOn":"2019-11-18T11:59:12.000+00:00",
"updatedBy":null
}
],
"providerOfficeHours": [
{
"dayOfWeek":null,
"openFrom":null,
"closeAt":"11:20:30",
"createdOn":"2019-11-18T11:59:12.000+00:00",
"createdBy":"121",
"updatedOn":"2019-11-18T11:59:12.000+00:00",
"updatedBy":null
}
],
"providerNormalizedAddress": [
{
"address":"Test street",
"fullAddress":null,
"city":null,
"state":null,
"zipCode":null,
"countyCode":null,
"latitude":null,
"longitude":null,
"createdOn":"2019-11-18T11:59:12.000+00:00",
"createdBy":null,
"updatedOn":"2019-11-18T11:59:12.000+00:00",
"updatedBy":null
}
],
"providerPanelLimit": [
{
"panelSize":12,
"enrolledCount":null,
"panelStatus":null,
"holdCd":null,
"typeCd":null,
"createdOn":"2019-11-18T11:59:12.000+00:00",
"createdBy":null,
"updatedOn":"2019-11-18T11:59:12.000+00:00",
"updatedBy":null
}
],
"providerAddress":[
{
"addressType":null,
"addressLine1":null,
"addressLine2":null,
"city":null,
```

```
    "state":null,
    "zipCode":null,
    "countyCode":null,
    "faxNumber":null,
    "effectiveStartDate":"2019-11-18",
    "effectiveEndDate":null,
    "createdOn":"2019-11-18T11:59:12.000+00:00",
    "createdBy":"121",
    "updatedOn":"2019-11-18T11:59:12.000+00:00",
    "updatedBy":null
  }
]
}
```