

Asynchronous Apex

Control Processes with Queueable Apex

AddPrimaryContact Code :

```
public class AddPrimaryContact implements Queueable
{
    private Contact c;
    private String state;
    public AddPrimaryContact(Contact c, String state)
    {
        this.c = c;
        this.state = state;
    }
    public void execute(QueueableContext context)
    {
        List<Account> ListAccount = [SELECT ID, Name ,(Select
        id,FirstName,LastName from contacts ) FROM ACCOUNT WHERE
        BillingState = :state LIMIT 200];
        List<Contact> lstContact = new List<Contact>();
        for (Account acc:ListAccount)
        {
            Contact cont = c.clone(false,false,false,false);
```

```
cont.AccountId = acc.id;
lstContact.add( cont );
}
if(lstContact.size() >0 )
{
insert lstContact;
}
}
}
```

AddPrimaryContactTest:

@isTest

public class AddPrimaryContactTest

{

@isTest static void TestList()

{

List<Account> Teste = new List <Account>();

for(Integer i=0;i<50;i++)

{

Teste.add(new Account(BillingState = 'CA', name = 'Test'+i));

}

```
for(Integer j=0;j<50;j++)  
{  
  Teste.add(new Account(BillingState = 'NY', name = 'Test'+j));  
}  
insert Teste;
```

```
Contact co = new Contact();  
co.FirstName='demo';  
co.LastName = 'demo';  
insert co;  
String state = 'CA';
```

```
AddPrimaryContact apc = new AddPrimaryContact(co, state);  
Test.startTest();  
System.enqueueJob(apc);  
Test.stopTest();  
}  
}
```