

Oracle Apps Solutions

Thursday, August 7, 2014

Create/Update/Delete Contact Relationships - HRMS APIs

```
--
declare
--
l_action          varchar2(12) := 'CREATE';--'UPDATE' 'DELETE'
l_eff_date        date := trunc(sysdate);
l_date_from       date := trunc(sysdate);
l_date_to         date := hr_general.end_of_time;
l_business_group_id per_business_groups.business_group_id%type := 101;
l_person_id       per_all_people_f.person_id%type := 12345;
l_primary_contact_flag varchar2(1) := 'Y';
l_contact_name     per_all_people_f.last_name%type := 'KUMAR';
l_contact_sequence per_contact_relationships.sequence_number%type := 1;
--
l_contact_relationship_id number := 678945;
l_ctr_object_version_number number := 1;
l_per_person_id          number default null;
l_con_object_version_number number default null;
l_con_effective_start_date date;
l_con_effective_end_date   date;
l_con_full_name            varchar2( 300 );
l_con_comment_id           number default null;
l_con_name_combination_warning boolean := false;
l_con_orig_hire_warning    boolean := false;
--
l_contact_exp exception;
--
begin
--
--per_contact_relationships
--
if l_action = 'CREATE' then
--
l_contact_relationship_id := null;
l_ctr_object_version_number := null;
--
hr_contact_rel_api.create_contact
( p_validate          => false
, p_start_date        => l_eff_date
, p_date_start        => l_date_from
, p_date_end          => l_date_to
, p_business_group_id => l_business_group_id
, p_person_id         => l_person_id
, p_contact_type      => 'M'
```

```

        ,p_primary_contact_flag => l_primary_contact_flag
        ,p_last_name           => l_contact_name
        ,p_sequence_number     => l_contact_sequence
        ,p_cont_attribute_category => null
        ,p_cont_attribute1      => 'Test Contact'
        --Out
        ,p_contact_relationship_id => l_contact_relationship_id
        ,p_ctr_object_version_number => l_ctr_object_version_number
        ,p_per_person_id         => l_per_person_id
        ,p_per_object_version_number => l_con_object_version_number
        ,p_per_effective_start_date => l_con_effective_start_date
        ,p_per_effective_end_date   => l_con_effective_end_date
        ,p_full_name              => l_con_full_name
        ,p_per_comment_id         => l_con_comment_id
        ,p_name_combination_warning => l_con_name_combination_warning
        ,p_orig_hire_warning       => l_con_orig_hire_warning
    );
    if l_contact_relationship_id is null then
        dbms_output.put_line('Create Contact Relationship failed'||sqlerrm);
        raise l_contact_exp;
    else
        dbms_output.put_line('Contact Relationship Created');
    end if;

    elsif l_action = 'UPDATE' then
        --
        hr_contact_rel_api.update_contact_relationship
            (p_validate           => false
            ,p_effective_date      => l_eff_date
            ,p_contact_relationship_id => l_contact_relationship_id
            ,p_sequence_number     => l_contact_sequence
            ,p_primary_contact_flag => 'N'
            ,p_cont_attribute_category => null
            ,p_cont_attribute1      => 'Test Contact2'
            --In/Out
            ,p_object_version_number => l_ctr_object_version_number
            );
        dbms_output.put_line('Contact Relationship Updated');
    elsif l_action = 'DELETE' then
        --
        hr_contact_rel_api.delete_contact_relationship
            (p_validate           => false
            ,p_contact_relationship_id => l_contact_relationship_id
            ,p_object_version_number => l_ctr_object_version_number
            );
        dbms_output.put_line('Contact Relationship Deleted');
    end if;

    --
    commit;
    --
    exception
    when l_contact_exp then
        dbms_output.put_line('Create Contact Relationship failed'||sqlerrm);
        rollback;
    when others then

```

```
dbms_output.put_line('hr_organization_api.create_organization API failed with error :'||sqlerrm);
rollback;
end;
--
```

Posted by [Abhay Kumar](#) at 7:53 AM

Labels: [API Scripts](#), [HRMS](#)

9 comments:

Anonymous [August 19, 2014 at 4:43 PM](#)

Unquestionably believe that which you said. Your favorite reason appeared to be on the internet the easiest thing to be aware of. I say to you, I certainly get irked while people consider worries that they plainly do not know about. You managed to hit the nail upon the top as well as defined out the whole thing without having side effect , people can take a signal. Will probably be back to get more. Thanks

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Anonymous [August 20, 2014 at 4:30 AM](#)

I feel that is among the so much important info for me. And i'm happy studying your article. However wanna statement on few common issues, The site taste is wonderful, the articles is actually excellent : D. Just right activity, cheers

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Unknown [March 13, 2016 at 4:53 AM](#)

i need to insert additional information, how can i do that with api ??
thanks

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Abhay Kumar [March 14, 2016 at 3:42 AM](#)

Dear Unknown,

Additional informations are DFFs, use the hr_person_api.update_person and pass the related attribute category and attributs.

[Reply](#)



Unknown [July 27, 2016 at 7:16 AM](#)

Hi Abhay,

I am trying to delete the customer contacts. But unfortunately the api ending with exception.

ORA-20001: The primary key specified is invalid

Cause: The primary key values specified are invalid and do not exist in the schema.

Action: Check the primary key values before attempting to carry out the operation again.

Can you please help on this issue.

Regards,
Devendra Pennam.

[Reply](#)

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Abhay Kumar July 27, 2016 at 7:26 AM

Hi Devendra,

Please make sure you are passing the correct contact relationship id and corresponding object version number.

Regards
Abhay

[Reply](#)



Unknown October 20, 2016 at 10:25 PM

Regards

Sridevi Koduru (Senior Oracle Apps Trainer Oracleappstechnical.com)

LinkedIn profile - <https://in.linkedin.com/in/sridevi-koduru-9b876a8b>

Please Contact for One to One Online Training on Oracle Apps Technical, Financials, SCM, SQL, PL/SQL, D2K at training@oracleappstechnical.com | +91 - 9581017828.

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Ali May 28, 2019 at 5:45 AM

Hi,

How i can add another relationship in same contact like the contact is Father and Friend?

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MOSSAD April 11, 2022 at 4:03 PM

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