
RE: Summary of TRs and Changeset Details for Cafe_ConversationsPI25.2

From Jonathan Hamilton <Jonathan.Hamilton@Yardi.Com>

Date Fri 1/24/2025 5:05 AM

To Kunal Chaudhari <Kunal.chaudhari@yardi.com>

Cc Prakash Dale <Prakash.Dale@Yardi.Com>; Jon Pence <Jon.Pence@Yardi.Com>

Well done, thank you!

From: Kunal Chaudhari <Kunal.chaudhari@yardi.com>
Sent: Friday, January 24, 2025 2:47 AM
To: Jonathan Hamilton <Jonathan.Hamilton@Yardi.Com>
Cc: Prakash Dale <Prakash.Dale@Yardi.Com>; Jon Pence <Jon.Pence@Yardi.Com>
Subject: RE: Summary of TRs and Changeset Details for Cafe_ConversationsPI25.2

Hi Jonathan,

I've made the following changes as you suggested:

- Replaced the repository method with the IProviderLookup service.
- Updated the view model that I created to include a constructor for mapping PropertyEmail and the provider's name.

I have attached the changeset details below currently deployed on dev for your reference:

http://ysifwtf02/YARDI/Caf%C3%A9s/_versionControl/changeset/2742416

Let me know if any further changes are needed.

Best regards,



Kunal Chaudhari | Software Engineer Trainee

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From: Jonathan Hamilton <Jonathan.Hamilton@Yardi.Com>
Sent: Thursday, January 23, 2025 7:47 PM
To: Kunal Chaudhari <Kunal.chaudhari@yardi.com>
Cc: Prakash Dale <Prakash.Dale@Yardi.Com>; Jon Pence <Jon.Pence@Yardi.Com>
Subject: RE: Summary of TRs and Changeset Details for Cafe_ConversationsPI25.2

Yes, very good, this is all accurate. I would like you to make the following changes:

There is a service interface in the Omni library project called IProviderLookup. This gives you a method for looking up a provider's details already. Add a parameter to the controller's constructor and use this service to do the lookup. Remove the repository method you added since it isn't necessary. We prefer this lookup service because provider data does not change frequently, and it allows us to cache the provider data instead of adding more database lookups.

I know the IProviderLookup interface is already registered for dependency injection in Omni Admin. Please review where and how this is done. Let me know if you have questions.

Last, the use of a view model is appropriate here, but I would prefer that you define a constructor on the view model type that requires an instance of PropertyEmail and the provider's name. The mapping of properties between the DAL model and the view model should be handled in the constructor so we do not have to update all the places in the future where it is instantiated.

From: Kunal Chaudhari <Kunal.chaudhari@yardi.com>
Sent: Thursday, January 23, 2025 7:41 AM
To: Jonathan Hamilton <Jonathan.Hamilton@Yardi.Com>
Cc: Prakash Dale <Prakash.Dale@Yardi.Com>; Jon Pence <Jon.Pence@Yardi.Com>
Subject: RE: Summary of TRs and Changeset Details for Cafe_ConversationsPI25.2

Hi Jonathan,

I went through the changeset you had sent I observed the following

Regarding the first question:

The issue arose because data was previously being retrieved by executing a query on the database and storing the results in a list of objects, without mapping to the appropriate data types. A specific problem was with the CallCenter column, which is of type TINYINT(1). While this column could store values like 0, 1, or 2 it was incorrectly being interpreted as a boolean (true or false) due to the absence of proper type mapping.

The new implementation resolved this by using a strongly typed method that ensures the data is correctly mapped to the PropertyEmail model. By using the generic repository, the data is fetched and accurately mapped into a strongly typed PropertyEmail model, ensuring that all fields retain their correct data types.

Regarding the second question:

The reason the Provider column was not populated after the generic repository implementation is that the method FindByPropertyIdAsync<PropertyEmail>

only fetched data from the PropertyEmail table. It did not perform a join with the Provider table to retrieve the ProviderName. Since the ProviderName is not part of the PropertyEmail model, it was excluded, and the query logic in the generic repository was not designed to include related table data.

How I addressed this issue:

To fix this, I created a separate repository method, GetProviderName, and introduced a PropertyEmailViewModel. The solution involves manually mapping the ProviderName by calling the GetProviderName method for each record in emailChannels. This method retrieves the ProviderName based on the ProviderId and assigns it to the ProviderName property in the PropertyEmailViewModel. This manual mapping ensures that all required data, including the ProviderName, is populated.

Below I have attached the screen shots for your reference regarding the fix I implemented on dev local:

```
#region "Property Email Api Methods"
[HttpGet("{propertyid:long}/email")]
0 references | Jonathan Hamilton, 14 hours ago | 1 author, 1 +1 changes | 4 incoming changes
public async Task<IActionResult> GetPropertyEmail(long propertyid)
{
    using var dbContext = PrimaryDb();
    var repo = RepoFactory.CreateGenericRepo(dbContext);
    var _propertyEmailRepo = RepoFactory.Create<PropertyEmailRepository>(dbContext);

    var emailChannels = await repo.FindByPropertyIdAsync<PropertyEmail>(propertyid);

    List<PropertyEmailViewModel> updatedEmailChannels = new List<PropertyEmailViewModel>();

    foreach(var obj in emailChannels)
    {
        var dto = new PropertyEmailViewModel{
            Id = obj.Id,
            ProviderId = obj.ProviderId,
            PropertyId = obj.PropertyId,
            Email = obj.Email,
            DebugResponder = obj.DebugResponder,
            ProviderName = _propertyEmailRepo.GetProviderName(obj.ProviderId),
            AutomatedResponse = obj.AutomatedResponse,
            CallCenter = obj.CallCenter,
            DefaultBotOutbound = obj.DefaultBotOutbound,
            GKWorkGroupId = obj.GKWorkGroupId,
            IsDefault = obj.IsDefault,
            PushEnabled = obj.PushEnabled,
            IsDefaultLinked = obj.IsDefaultLinked,
            PushToVoyagerQueue = obj.PushToVoyagerQueue,
            VoyagerSource = obj.VoyagerSource,
            IsDisabled = obj.IsDisabled,
            ParseLeads = obj.ParseLeads,
            SkillId = obj.SkillId,
            UUID = obj.UUID
        };
        updatedEmailChannels.Add(dto);
    }

    return _response.OK(updatedEmailChannels);
}
```

```
1 reference | 0 changes | 0 authors, 0 changes
public string GetProviderName(long Id)
{
    var sql = new StringBuilder();
    sql.Append(@"select providername from provider where id = @Id");

    var retval = QueryFirstOrDefault<string>(CommonUtils.MigrateSQLScript(sql.ToString()), new { Id = Id });

    return retval;
}
```

```
namespace ysi.angularcave.omnichannel.dat.viewmodel
{
    3 references
    public class PropertyEmailViewModel
    {
        1 reference
        public long Id { get; set; }
        1 reference
        public long PropertyId { get; set; }
        1 reference
        public long ProviderId { get; set; }
        1 reference
        public string? ProviderName { get; set; }
        2 references
        public string? Email { get; set; }
        1 reference
        public bool DebugResponder { get; set; }
        1 reference
        public AutomatedResponse AutomatedResponse { get; set; }
        1 reference
        public bool IsDefault { get; set; }
        1 reference
        public string? UUID { get; set; } = Guid.NewGuid().ToString();
        0 references
        public string? Handle => Email;

        1 reference
        public bool PushEnabled { get; set; }

        1 reference
        public bool PushToVoyagerQueue { get; set; }

        1 reference
        public bool ParseLeads { get; set; }
        1 reference
        public bool DefaultBotOutbound { get; set; }

        1 reference
        public CallCenter CallCenter { get; set; }
        1 reference
        public bool IsDefaultLinked { get; set; }
        1 reference
        public long? SkillId { get; set; }
        1 reference
        public bool IsDisabled { get; set; }
        1 reference
        public long? GKWorkGroupId { get; set; }
        1 reference
        public string VoyagerSource { get; set; }
    }
}
```

Best Regards,



Kunal Chaudhari | Software Engineer Trainee

tel 91.20.67239000 | fax 91.20.25651914

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From: Jonathan Hamilton <Jonathan.Hamilton@Yardi.Com>
Sent: Thursday, January 23, 2025 2:26 AM
To: Kunal Chaudhari <Kunal.chaudhari@yardi.com>
Cc: Prakash Dale <Prakash.Dale@Yardi.Com>; Jon Pence <Jon.Pence@Yardi.Com>
Subject: RE: Summary of TRs and Changeset Details for Cafe_ConversationsPI25.2

Thanks for the summary and links, Kunal. I would like to challenge you on the email routing display issue, TR #765296.

Take a look at this changeset, which is currently deployed on Dev:
<http://ysifwtf02/web/cs.aspx?pcguid=c7ce6423-7698-46cc-9273-1b6ce0a8efe8&cs=2741017>

Would you please explain why this changeset fixes the issue and why the other repository method caused the issue in the first place?

If you look on the front end, you will see that with my change, the Provider column is not populated. Is it clear why? Do you have some idea for how you could fix that defect?

From: Kunal Chaudhari <Kunal.chaudhari@yardi.com>
Sent: Wednesday, January 22, 2025 4:46 AM
To: Jonathan Hamilton <Jonathan.Hamilton@Yardi.Com>
Cc: Prakash Dale <Prakash.Dale@Yardi.Com>; Jon Pence <Jon.Pence@Yardi.Com>
Subject: Summary of TRs and Changeset Details for Cafe_ConversationsPI25.2

Hi Jonathan,

Please find attached a document containing the summary of TRs for “Cafe_ConversationsPI25.2 ” along with their corresponding changeset details. This document includes an overview of the changes and modifications implemented in this release for your reference.

Should you have any questions or require further clarification, please feel free to reach out.

Best regards,



Kunal Chaudhari | Software Engineer Trainee

tel 91.20.67239000 | fax 91.20.25651914

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