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New API for subset of Activity Details

# FIRELIGHT BASE

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Platform

**NEW API FOR SUBSET OF ACTIVITY DETAILS**

**Document Version: 1.1**

**Published: February 19, 2020**

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# iConnect Design Approach – New API for subset of Activity Details

## Project Overview

In FireLight today, GetActivities is utilized to get activity details for multiple activities with one call, but also returns the full amount of information. This can result in sending a great deal of information (in some cases, 4000+ dataitems) back to the client, which results in a slower call, and unnecessary information. Additionally, GetActivityDetails, will also produce this information, but with just one activity, so if additional activities are needed, multiple calls need to be made, again, slowing down the process, and producing unnecessary information.

Users need the ability to be able to receive a subset of dataitems when accessing the GetActivities and GetActivityDetails API. With this enhancement, a small collection of dataitems can be sent to FireLight, and the values of those dataitems will be returned back, as well as the existing collection of data. This is needed for both the GetActivities and GetActivityDetails calls to provide the user the information they are needing, whether that be multiple activities or greater detail on just one activity. With sending the subset of information, this provides the user with the exact detail they are needing on each activity.

## Impacts:

API Services - GetActivities and GetActivityDetails - Certain dataitems can now be sent in, and the values returned, along with the full list of values

Forms - utilizing the dataitems for the subset

## 1 1 Enhance GetActivities to allow a collection of dataitems

Enhance the GetActivities API to allow for a collection of dataitems to be sent to an organization along with the existing dataitems.

If a list of dataitems are sent into FireLight, then that collection of dataitems will be sent back to the user.

If no list is sent, then only the existing information will be sent.

If a value does not exist, then FireLight will not return it

***Acceptance Criteria***

- If a specified data collection is sent to Firelight through the GetActivities API, then those values will be returned to the user
- If no specified data collection is set in to the GetActivities API, then the existing values will be returned.
- If a value does not exist, FireLight will not return it instead of sending a null value.

## **2 Enhance GetActivityDetails to allow for collection of dataitems**

Enhance the GetActivityDetails API to allow for a collection of dataitems to be sent to an organization along with the existing dataitems.

If a list of dataitems are sent into FireLight, then that collection of dataitems will be returned.

If no list is sent, then only the existing dataitems will be sent.

If a value does not exist, then FireLight will not return it

***Acceptance Criteria***

- If a specified data collection is sent to Firelight through the GetActivityDetails API, then only those values will be returned.
- If no specified data collection is set in to the GetActivityDetails API, then the existing values will be returned.
- If a value does not exist, FireLight will not return it instead of sending a null value.

## **3 GetActivites will need to use List profile for GetDataitems**

GetActivites API needs to use the advanced search list profile in retrieving the getdataitems for the data collection being sent back. This functionality will only be available for the GetActivities and not GetActivityDetail.

***Acceptance Criteria***

- GetActivities needs to be tied to a list profile through the Advances Search functionality to retrieve the getdataitems for a subset of data to be sent back to FireLight.

- The list profile will only be applicable for GetActivities