

Re: Jira Date Field Fetcher User Macro for Confluence Reports

Christofer Anderberg <christofer.anderberg@ingka.ikea.com>

Mon 3/30/2020 7:44 AM

To: Venkatesh Prasad (External - IBM India Pvt. Ltd) <venkatesh.prasad@ingka.com>

Cc: David Henriksson (External - Stretch Addera AB (SE)) <david.henriksson1@ingka.com>; Kenneth Flatby <kenneth.flatby1@ingka.ikea.com>

Hi Venkatesh,

We will bring this up for discussion in our weekly CCB meetings on Wednesdays.

If you use the request type "suggest add-on".

Thanks,
Christofer

From: "Venkatesh Prasad (External - IBM India Pvt. Ltd)" <venkatesh.prasad@ingka.com>

Date: Saturday, 28 March 2020 at 13:09

To: "David Henriksson (External - Stretch Addera AB (SE))" <david.henriksson1@ingka.com>, Christofer Anderberg <christofer.anderberg@ingka.ikea.com>, Kenneth Flatby <kenneth.flatby1@ingka.ikea.com>

Subject: Re: Jira Date Field Fetcher User Macro for Confluence Reports

Thanks David,

This is one of the old asks from many of the IKEA teams I worked with. During beginning of last year when I was working on SOF migration, SOF team had asked about this while building reports for them. Then gradually when other SOF Enabled teams also started migrating and started using Jira/Confluence, they too had such similar requirements. Few of the teams that have asked this are SOF/CFB, Cutover, Defect Management, VSMA, EMS, Functional Test Team, Non Functional Test Team, PATSD, BOT, etc.

I feel by enabling this macro in our IKEA instance, it enables our Jira/Confluence users with new ways of building reports for their teams.

[@Christofer Anderberg](#), [@Kenneth Flatby](#) : Please let us know if this is ok with you to be implemented.

Thanks
Venkatesh Prasad

From: David Henriksson (External - Stretch Addera AB (SE)) <david.henriksson1@ingka.com>

Sent: Friday, March 27, 2020 4:20 PM

To: Venkatesh Prasad (External - IBM India Pvt. Ltd) <venkatesh.prasad@ingka.com>; Christofer Anderberg <christofer.anderberg@ingka.ikea.com>; Kenneth Flatby <kenneth.flatby1@ingka.ikea.com>

Subject: RE: Jira Date Field Fetcher User Macro for Confluence Reports

Hi Venkatesh!

Yes I see, where does this requirement come from?

If Christofer is ok with it I guess we can implement it. But it will be additional code that we need to maintain in our instances and we try to limit that down. Basically only add scripts that are really needed, therefore I wonder where the requirement comes from.

Br, David Henriksson

From: Venkatesh Prasad (External - IBM India Pvt. Ltd) <venkatesh.prasad@ingka.com>

Sent: den 27 mars 2020 13:01

To: David Henriksson (External - Stretch Addera AB (SE)) <david.henriksson1@ingka.com>; Christofer Anderberg <christofer.anderberg@ingka.ikea.com>; Kenneth Flatby <kenneth.flatby1@ingka.ikea.com>

Subject: Re: Jira Date Field Fetcher User Macro for Confluence Reports

Hello David,

Thanks for the response. Below are my comments.

The major difference between the Jira Issue Filter macro and the one I have provided, is the capability to embed the date field anywhere within the confluence page and also the advantage of having a 'Text based Comments' section in the confluence table against the Issues embedded.

Please see the below 2 screenshots which has 3 example scenarios/usages of this macro.

In the second example below, the table has date fields pulled from Jira and embedded into the 7th and 8th columns. I am displaying only the dates from Feature and not from Story which is again another advantage where we can avoid displaying unnecessary information about story's dates. Also, in this same table, there is a "Comments" section at the end of the table where the Scrum Master or the Manager can put a High Level update on a daily basis against the Epics which can be consumed by all the stakeholders subscribed to that report.

There is also a Text Based Update the Report Owner or a Scrum Master can do, as shown in the third example in the screenshot with the heading 'Example of a Text Based Update'.

Jira Issue filter macro has its own advantages and it is a table format report by itself where we can configure the columns we wish to see in the report and pull up the report into Confluence. The drawback with Jira Issue filter macro is that we cannot have the text based comments section in the report, and we won't be able to selectively display dates from a specific issue type in the report if the report has multiple issue types.

POC On Date Field Fetcher from Jira to Confluence using User Macros

Issue Key & Summary	Feature Creation Date	Feature Last Updated Date	Feature Due Date	Comments
Jira SSCM-5742	Date_Fetcher Filter = Issuetype = SSCM-57...	Date_Fetcher Filter = Issuetype = SSCM-57...		Comments on this Epic/Feature from Scrum Master
Jira SSCM-5741	Date_Fetcher Filter = Issuetype = SSCM-57...	Date_Fetcher Filter = Issuetype = SSCM-57...		Comments on this Epic/Feature from Manager
Jira SSCM-5740	Date_Fetcher Filter = Issuetype = SSCM-57...	Date_Fetcher Filter = Issuetype = SSCM-57...		Comments on this Epic/Feature from Architect
Jira SSCM-5739	Date_Fetcher Filter = Issuetype = SSCM-57...	Date_Fetcher Filter = Issuetype = SSCM-57...		Comments on this Epic/Feature from User

Just a Random Example :

ID	Scenario (Epic)	Work Stream	Test Manager	Main User Stories	Internal Review Completion Status (ACN)	Planned Legacy Preparation Completion date	RT Test Completion Date	Comments
3.3.1.1	Jira SSCM-5742	XXX	Tom	Jira SSCM-5737 Jira SSCM-5736 Jira SSCM-5735	Not Started	Date_Fetcher Filter = Issuetype = SSCM-57...	Date_Fetcher Filter = Issuetype = SSCM-57...	15th March : Epic is bein resources in place, work
3.3.2.1	Jira SSCM-5741	XXX	John	Jira SSCM-5734 Jira SSCM-5732	Not Started	Date_Fetcher Filter = Issuetype = SSCM-57...	Date_Fetcher Filter = Issuetype = SSCM-57...	The story SSCM-5734 is a stopper. Concerned team informed.
3.1.1.1	Jira SSCM-5740	ZZZ	Simon	Jira SSCM-5731 Jira SSCM-5730	In Progress	Date_Fetcher Filter = Issuetype = SSCM-57...	Date_Fetcher Filter = Issuetype = SSCM-57...	Not yet started. Other challenges include
1.1.1.1	Jira SSCM-5739	XXX	Michael	Jira SSCM-5729	Done	Date_Fetcher Filter = Issuetype = SSCM-57...	Date_Fetcher Filter = Issuetype = SSCM-57...	Not planned yet.

Example of a Text Based Update :

Release xxx has 2 major Epics Jira | SSCM-5742 and Jira | SSCM-5741 and 2 supporting Epics Jira | SSCM-5740 and Jira | SSCM-5739.

Epic Jira | SSCM-5742 is planned to be closed by Date_Fetcher | Filter = Issuetype = SSCM-57...

However Epic Jira | SSCM-5741 is planned to be closed by Date_Fetcher | Filter = Issuetype = SSCM-57...

localhost:8090/display/PODFF/POC+On+Date+Field+Fetcher+from+Jira+to+Confluence

POC On Date Field Fetcher from Jira to Confluence using User Macros

Created by venkatesh.prasad@gmail.com, last modified just a moment ago

Issue Key & Summary	Feature Creation Date	Feature Last Updated Date	Feature Due Date	Comments
SSCM-5742 - Tag 2.1.1.2 i iteration 1b To Do	18 March 2020	Mar 26, 2020		Comments on this Epic/Feature from Scrum Master
SSCM-5741 - Tag 2.2.13 To Do	Mar 18, 2020	Mar 27, 2020		Comments on this Epic/Feature from Manager
SSCM-5740 - Tag 2.1.1.c Food supplier iteration 1c To Do	Mar 18, 2020	Mar 26, 2020		Comments on this Epic/Feature from Architect
SSCM-5739 - Tag 2.2.14 To Do	Mar 18, 2020	Mar 26, 2020		Comments on this Epic/Feature from User

Just a Random Example :

ID	Scenario (Epic)	Work Stream	Test Manager	Main User Stories	Internal Review Completion Status (ACN)	Planned Legacy Preparation Completion date	BT Test Completion Date	Comments
3.3.1.1	SSCM-5742 - Tag 2.1.1.2 i iteration 1b To Do	XXX	Tom	SSCM-5737 - Tag 2.1.2.a Food supplier iteration 2a To Do SSCM-5736 - Tag 2.2.16 To Do SSCM-5735 - Tag 2.1.2.b Food supplier iteration 2b To Do	Not Started	Mar 18, 2020	Mar 26, 2020	15th March : Epic i reviewed, resource started.
3.3.2.1	SSCM-5741 - Tag 2.2.13 To Do	YYY	John	SSCM-5734 - Tag 2.0.32 To Do SSCM-5732 - Tag 2.3.1 To Do	Not Started	Mar 18, 2020	Mar 27, 2020	The story SSCM-57 stopper. Concerns informed.
3.1.1.1	SSCM-5740 - Tag 2.1.1.c Food supplier iteration 1c To Do	ZZZ	Simon	SSCM-5731 - Tag 2.1.2.c Food supplier iteration 2c To Do SSCM-5730 - Tag 2.1.2.D Food supplier iteration 2D To Do	In Progress	Mar 18, 2020	Mar 26, 2020	Not yet started. Other challenges i
1.1.1.1	SSCM-5739 - Tag 2.2.14 To Do	XXX	Michael	SSCM-5729 - Tag 2.2.18 To Do	Done	Mar 18, 2020	Mar 26, 2020	Not planned yet.

Example of a Text Based Update :

Release xxx has 2 major Epics SSCM-5742 - Tag 2.1.1.2 i iteration 1b To Do and SSCM-5741 - Tag 2.2.13 To Do , and 2 supporting Epics SSCM-5740 - Tag 2.1.1.c Food supplier iteration 1c To Do and SSCM-5739 - Tag 2.2.14 To Do .

Epic SSCM-5742 - Tag 2.1.1.2 i iteration 1b To Do is planned to be closed by Mar 26, 2020

However Epic SSCM-5741 - Tag 2.2.13 To Do is planned to be closed by Mar 27, 2020

Thanks
Venkatesh Prasad

From: David Henriksson (External - Stretch Addera AB (SE)) <david.henriksson1@ingka.com>
Sent: Friday, March 27, 2020 10:37 AM
To: Venkatesh Prasad (External - IBM India Pvt. Ltd) <venkatesh.prasad@ingka.com>; Christofer Anderberg <christofer.anderberg@ingka.ikea.com>; Kenneth Flatby <kenneth.flatby1@ingka.ikea.com>
Subject: RE: Jira Date Field Fetcher User Macro for Confluence Reports

Hi Venkatesh!

What is the difference between the macro you present and the JIRA issue filter macro which also shows issue dates:

Confluence Spaces People Calendars Create

David Test & Space

new page

Created by David Henriksson, last modified just a moment ago

Key	Summary	T	Created	Updated	Due	Assignee
DCS-942	Align SSCM workflow and field changes with Johan S.	🟢	Feb 25, 2020	Feb 25, 2020		Unassigned
DCS-941	Sai supporting Planning&Collaboration 2	🟢	Feb 24, 2020	Feb 26, 2020		Sai Gaddam
DCS-940	Read only CC/CQ OPAM service level update	🟢	Feb 24, 2020	Feb 26, 2020		Sai Gaddam
DCS-939	Routines for daily support of Read only CC/CQ	🟢	Feb 24, 2020	Feb 24, 2020		Unassigned

Br, David Henriksson

From: Venkatesh Prasad (External - IBM India Pvt. Ltd) <venkatesh.prasad@ingka.com>
Sent: den 26 mars 2020 21:20
To: David Henriksson (External - Stretch Addera AB (SE)) <david.henriksson1@ingka.com>; Christofer Anderberg <christofer.anderberg@ingka.ikea.com>; Kenneth Flatby <kenneth.flatby1@ingka.ikea.com>
Subject: Jira Date Field Fetcher User Macro for Confluence Reports

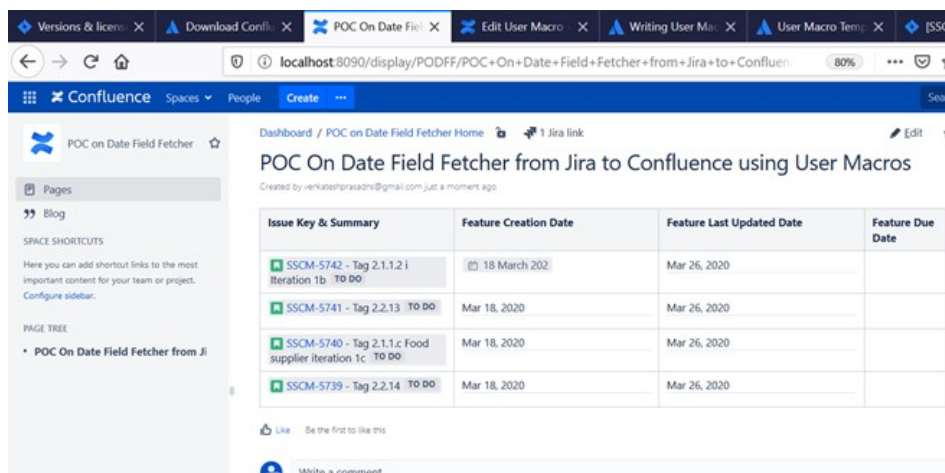
Hello David,Christofer,Kenneth,

I have come up with this User Macro called "Date Field Fetcher" which is very helpful while embedding the date fields inside the confluence tables while building reports in Confluence pages.

So far, with the default available macros, we are only able to use the 'Jira' macro to embed the issue key along with its description and state, but there is no way the teams can embed date fields into the confluence pages. Date fields in Jira can be "Issue Creation Date", "Issue Updated Date", "Issue Due Date" and any other custom date fields we may create.

This macro can read all these date fields automatically in any of the issue type in Jira and get those dates inside the confluence pages.

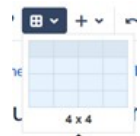
In the below screenshot, you can see that the second, third and forth columns are all date columns and it is automatically fetched from Jira



Issue Key & Summary	Feature Creation Date	Feature Last Updated Date	Feature Due Date
SSCM-5742 - Tag 2.1.1.2 i Iteration 1b TO DO	18 March 2020	Mar 26, 2020	
SSCM-5741 - Tag 2.2.13 TO DO	Mar 18, 2020	Mar 26, 2020	
SSCM-5740 - Tag 2.1.1.c Food supplier iteration 1c TO DO	Mar 18, 2020	Mar 26, 2020	
SSCM-5739 - Tag 2.2.14 TO DO	Mar 18, 2020	Mar 26, 2020	

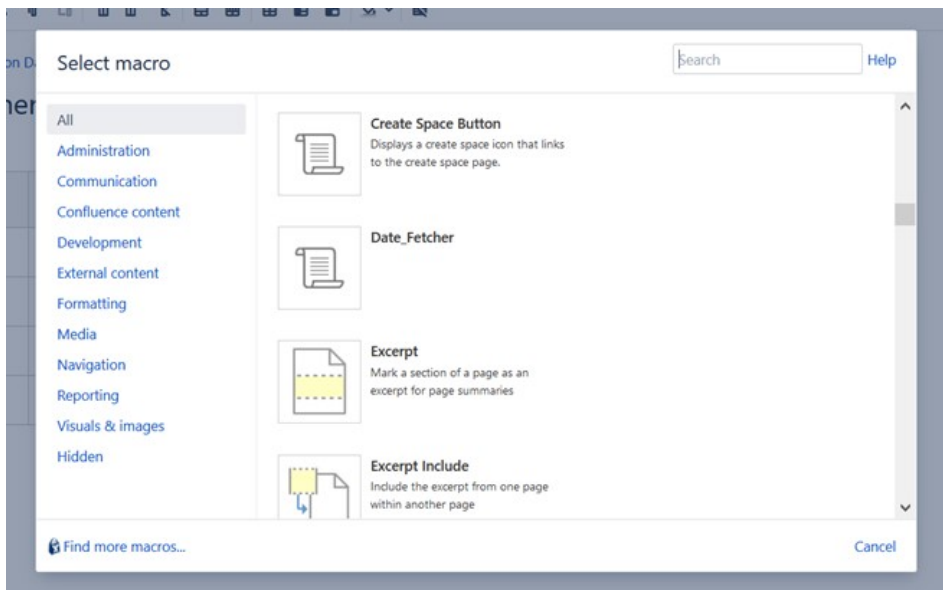
Usage :

a) Create a confluence page. Use the "Insert Table" option and create a 4X4 table.

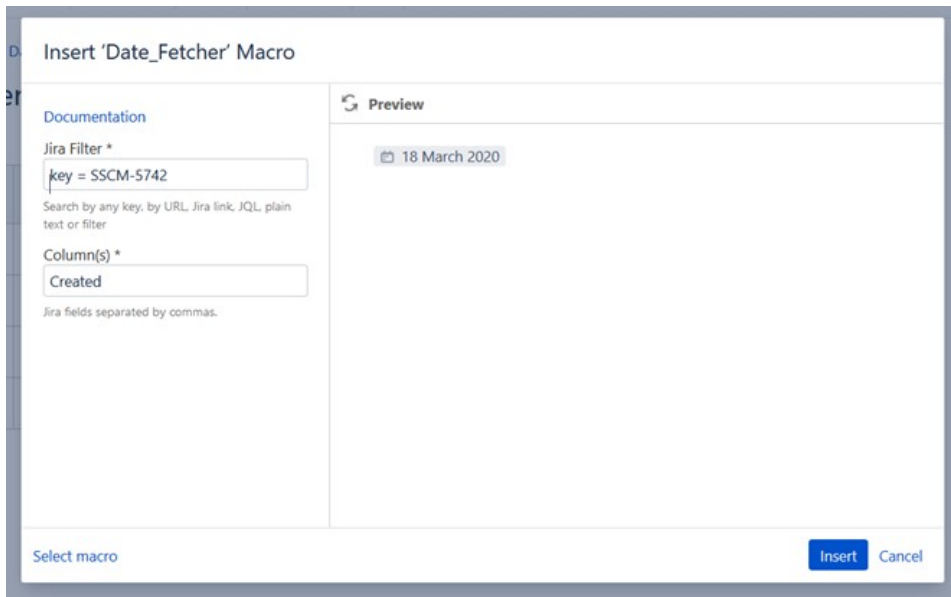


b) In column A of the table, use the default macro "Jira" to embed the issue key

c) In columns B, C and D, use the User Macro I have provided to you called "Date_Fetcher".



d) Within the macro, Under the Jira Filter section, enter the issue key you wish to get the date fields for, and under the Columns field, enter the Jira's date field name, for example "Created", "Updated", etc



e) We now have all the dates pulled from Jira automatically.

Macro Code :

This code is "READY TO USE". There are no changes/modifications needed to this code. Just navigate to the Confluence admin page and create a new User Macro and paste the below code under the Template section of the User Macro.

I have tested this in my local instance of Jira and Confluence and it works fine. You may wish to test this in the IKEA's Test Jira instance and may be implement it in prod if you feel satisfactory. Please note that I did not code this, but I was looking to code something else and while browsing some blogs, found this and picked it from there. But, this is coded using the Velocity Programming Language and I felt this is codeable.

Macro title: Jira Filter Field Picker

Macro has a body: N

```

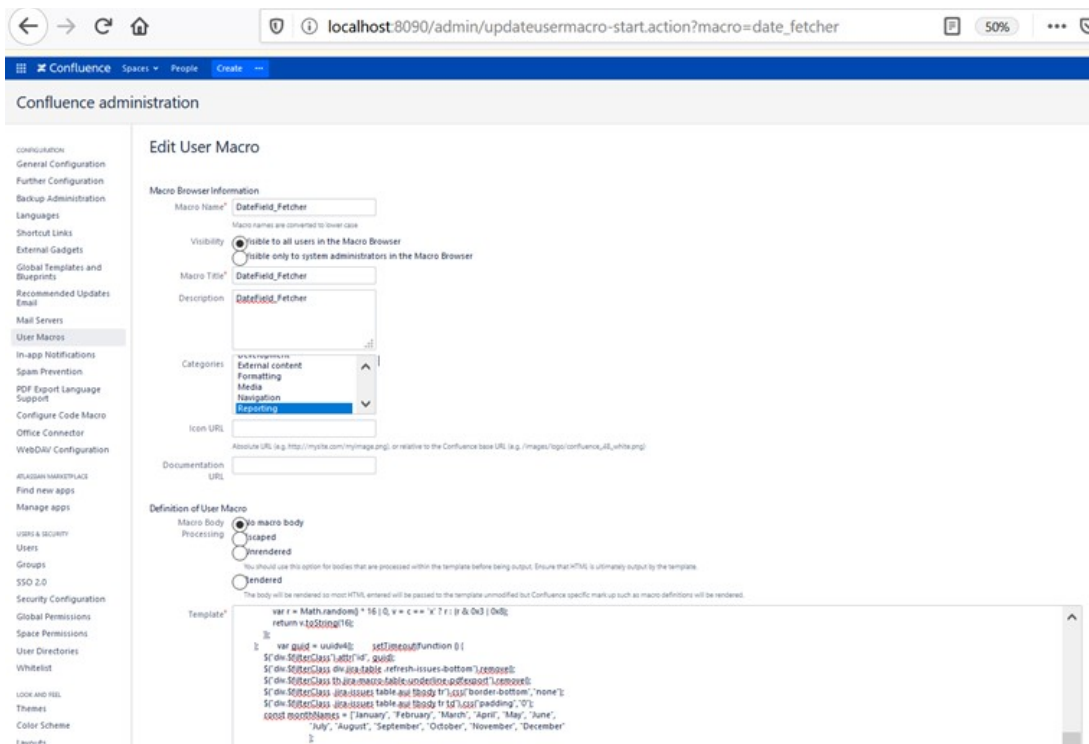
##
## Developed by: Fabian Hußl
## Date created: 05/12/2018
## Native Date added by tbond

## @param Filter:title=Jira Filter|type=string|required=true|desc=Search by any key, by URL, Jira link, JQL, plain
text or filter
## @param Columns:title=Column(s)|type=string|required=true|desc=Jira fields separated by commas.

#set ( $filterClass = "jflp-date")
<div class="$filterClass">
  <ac:structured-macro ac:name="jira" ac:schema-version="1">
    <ac:parameter ac:name="columns">$paramColumns</ac:parameter>
    <ac:parameter ac:name="maximumIssues">20</ac:parameter>
    <ac:parameter ac:name="jqlQuery">$paramFilter</ac:parameter>
  </ac:structured-macro>
</div>

<script type="text/javascript">
  AJS.toInit(function ($) {
    function uuidv4() {
      return 'xxxxxxxx-xxxx-4xxx-yxxx-xxxxxxxxxxxx'.replace(/[xy]/g, function(c) {
        var r = Math.random() * 16 | 0, v = c == 'x' ? r : (r & 0x3 | 0x8);
        return v.toString(16);
      });
    };
    var guid = uuidv4();    setTimeout(function () {
      $("div.$filterClass").attr("id", guid);
      $("div.$filterClass div.jira-table .refresh-issues-bottom").remove();
      $("div.$filterClass th.jira-macro-table-underline-pdfexport").remove();
      $("div.$filterClass .jira-issues table.aui tbody tr").css("border-bottom", "none");
      $("div.$filterClass .jira-issues table.aui tbody tr td").css("padding", "0");
      const monthNames = ["January", "February", "March", "April", "May", "June",
        "July", "August", "September", "October", "November", "December"
      ];
      var rawDateString = $("#" + guid).text();
      rawDateString = rawDateString.replace("//", " ");
      rawDateString = rawDateString.replace(/(\r\n|\n\r)/gm, " ");
      rawDateString = rawDateString.trim().substring(0,12);
      var theDate = new Date(rawDateString);    var month = theDate.getMonth() + 1;
      var day = theDate.getDate();
      var year = theDate.getFullYear() + 1900;    $("#" + guid).html('<time datetime="' + year + '-' + month + '-' +
day + '" class="date-upcoming">' + day + '-' + monthNames[month-1] + '-' + year + '</time>');
    }, 1500);
  });
</script>

```



Benefits :

Very beneficial for fetching date fields from Jira to Confluence while building reports in confluence.

Date fields embedding is one of the key fields asked by many project teams within IKEA.

Free of cost. We do not have to buy any Add-Ons to achieve this and it thereby saves money for IKEA.

We have the freedom to enhance this script

We can also build more and more User Macros based on this macro

Please let me know if you need any other details.

Thanks

Venkatesh Prasad