

JSON File Data Reference

Relates To

BLUEPRINT MAKER

JSON File Data Reference

Example file for download: [blueprint-definitions.json](#)

Data Element	Structure	Description	Example
spaceBlueprints	Array	Lists every Brikit space blueprint on your site. Each item in this array is an object that defines one space blueprint. This array will be empty if there are no space blueprints for your site, as in the following: <pre>"spaceBlueprints" : []</pre>	If your site has two space blueprints, "New Product" and "Team Workspace": <pre>"spaceBlueprints" : [{ "name" : "New Product", "description" : "Create a space for a new product.", "blueprintSpaceKey" : "productspacebp", "blueprintFields" : { "product-name", "product-name-variant" }, "spaceName" : "product-name", "spaceKey" : "product-name", "spaceCategories" : "Newcategory, product", "spaceDescription" : "Product space for everything related to {{product-name}}", "access" : "Product Space" }, { "name" : "Team Workspace", "description" : "Workspace for a department or project team", "blueprintSpaceKey" : "teamworkspace", "blueprintFields" : { "team-name", "team-id", "team-with-group" }, "spaceName" : "team-name", "spaceKey" : "team-name", "spaceCategories" : "Product, team", "spaceDescription" : "Product space for everything related to {{team-name}} team", "access" : "Team" }]</pre>
spaceBlueprints[i]	Object	Defines an individual space blueprint on your site. This object comprises a set of key/value pairs that function as specifications or instructions for creating new spaces from this blueprint. Keys in this object: • name • description • blueprintSpaceKey • blueprintFields • spaceName • spaceKey • spaceCategories • spaceDescription • access	Object that defines a "New Product" space blueprint: <pre>"spaceBlueprints" : [{ "name" : "New Product", "description" : "Create a space for a new product.", "blueprintSpaceKey" : "productspacebp", "blueprintFields" : { "product-name", "product-name-variant" }, "spaceName" : "product-name", "spaceKey" : "product-name", "spaceCategories" : "Newcategory, product", "spaceDescription" : "Product space for everything related to {{product-name}}", "access" : "Product Space" }, ...]</pre>
spaceBlueprints[i].name	Key/value pair	Defines the name of a space blueprint. The string value assigned to this key will be the name of the blueprint as it appears in the Blueprints Menu.	Naming a space blueprint, "New Product": <pre>"spaceBlueprints" : [{ "name" : "New Product", "description" : "Create a space for a new product.", "blueprintSpaceKey" : "productspacebp", "blueprintFields" : { "product-name", "product-name-variant" }, "spaceName" : "product-name", "spaceKey" : "product-name", "spaceCategories" : "Newcategory, product", "spaceDescription" : "Product space for everything related to {{product-name}}", "access" : "Product Space" }, ...]</pre>
spaceBlueprints[i].description	Key/value pair	Describes a space blueprint. The string value assigned to this key will be the description of the blueprint as it appears directly below the blueprint's name/title in the Blueprints Menu.	Description for a "New Product" space blueprint: <pre>"spaceBlueprints" : [{ "name" : "New Product", "description" : "Create a space for a new product.", "blueprintSpaceKey" : "productspacebp", "blueprintFields" : { "product-name", "product-name-variant" }, "spaceName" : "product-name", "spaceKey" : "product-name", "spaceCategories" : "Newcategory, product", "spaceDescription" : "Product space for everything related to {{product-name}}", "access" : "Product Space" }, ...]</pre>
spaceBlueprints[i].blueprintSpaceKey	Key/value pair	Indicates a blueprint source space. The string value assigned to this key is the space key of the source space that will serve as the template for new spaces generated from this blueprint.	Existing space whose key = "productspacebp" will be the template for this blueprint: <pre>"spaceBlueprints" : [{ "name" : "New Product", "description" : "Create a space for a new product.", "blueprintSpaceKey" : "productspacebp", "blueprintFields" : { "product-name", "product-name-variant" }, "spaceName" : "product-name", "spaceKey" : "product-name", "spaceCategories" : "Newcategory, product", "spaceDescription" : "Product space for everything related to {{product-name}}", "access" : "Product Space" }, ...]</pre>

accessLists[m].permissions[n]	Object	Defines space permissions for a particular user or group. This object comprises a set of key/value pairs that hold information about how a particular user or group may interact new spaces created from any blueprint that references accessLists[m]. Keys in this object: - type - name - grant	Defining permission settings for a "developers" group: <pre>"accessLists" : [... { "name" : "Product Space", "permissions" : [... { "type" : "group", "name" : "developers", "grant" : ["VIEWSPACE", "EDITSPACE"] } ...] } ...]</pre>
accessLists[m].permissions[n].type	Key/value pair	Specifies the type of user for whom space permissions are being set. The string value of this key will indicate whether accessLists[m].permissions[n] is defining space permissions for a Confluence user group, an individual user, or anonymous visitors. Valid values: - group - user - anonymous	Specifying that permission settings are being defined for a user group: <pre>"accessLists" : [... { "name" : "Product Space", "permissions" : [... { "type" : "group", "name" : "developers", "grant" : ["VIEWSPACE", "EDITSPACE"] } ...] } ...]</pre> Specifying that permission settings are being defined for an individual user: <pre>"accessLists" : [... { "name" : "Product Space", "permissions" : [... { "type" : "user", "name" : "[product-owner-username]", "grant" : ["ALL"] } ...] } ...]</pre>
accessLists[m].permissions[n].name	Key/value pair	Specifies the name of the user or group for whom space permissions are being set. The string value of this key will be the name of a user group, an individual's username, or "anonymous", depending on the value of accessLists[m].permissions[n].type. It is possible to use custom substitution fields for this value, which blueprint users can supply at the time new spaces are created.	Specifying that permission settings are being defined for a "developers" user group: <pre>"accessLists" : [... { "name" : "Product Space", "permissions" : [... { "type" : "group", "name" : "developers", "grant" : ["VIEWSPACE", "EDITSPACE"] } ...] } ...]</pre> Using a substitution field to set permissions for an individual: <pre>"accessLists" : [... { "name" : "Product Space", "permissions" : [... { "type" : "user", "name" : "[product-owner-username]", "grant" : ["ALL"] } ...] } ...]</pre>
accessLists[m].permissions[n].grant	Key/value pair	Lists all of the specific space permissions granted to the user or group defined in accessLists[m].permissions[n]. Each item in this array is a string value that corresponds with a specific type of access to a space an individual or group may possess. See valid space permissions array for a complete list of valid values.	Granting a "developers" group permissions to view and edit a space: <pre>"accessLists" : [... { "name" : "Product Space", "permissions" : [... { "type" : "group", "name" : "developers", "grant" : ["VIEWSPACE", "EDITSPACE"] } ...] } ...]</pre>

valid space permissions	Array	Lists all of the different types of permissions that can be granted to a user or group in a new space created from a blueprint. For your convenience, all of the valid values you may use to populate accessLists[m].permissions[n].grant are listed here. We recommend keeping this array as it is and not removing any items so that you will always have a complete list to draw from: • ALL • VIEWSPACE • EDITSPACE • REMOVEPAGE • EDITBLOG • REMOVEBLOG • COMMENT • REMOVECOMMENT • CREATEATTACHMENT • REMOVEATTACHMENT • SETPAGEPERMISSIONS • EXPORTSPACE • SETSPACEPERMISSIONS	All valid permissions that may be granted to users of new spaces: <pre>"valid space permissions" : ["ALL", "VIEWSPACE", "EDITSPACE", "REMOVEPAGE", "EDITBLOG", "REMOVEBLOG", "COMMENT", "REMOVECOMMENT", "CREATEATTACHMENT", "REMOVEATTACHMENT", "SETPAGEPERMISSIONS", "EXPORTSPACE", "SETSPACEPERMISSIONS"]</pre>
pageBlueprints	Array	Lists every Brikkit page blueprint on your site. Each item in this array is an object that defines one page blueprint . This array will be empty if there are no page blueprints for your site, as in the following: <pre>"pageBlueprints" : []</pre>	If your site has two page blueprints, "Product Overview" and "Team Member Profile": <pre>"pageBlueprints" : [... { "name" : "Team Member Profile", "description": "Create a page to show a member's profile information.", "spaceKey" : "BP", "pageTitle" : "[[team-member-name]]", "blueprintFields" : [{ "team-member-name", "team-member-username" }, "includeChildren" : none, "visibility" : { "none", "support" } } ...]</pre>
pageBlueprints[j]	Object	Defines an individual page blueprint on your site. This object comprises a set of key/value pairs that function as specifications or instructions for creating new pages from this blueprint. Keys in this object: • name • description • spaceKey • pageTitle • blueprintFields • includeChildren <i>or</i> type • filterGroup • multiselect • addLabels • visibility Note : Blueprint Maker version 2.0 changed the includeChildren field to type	Object that defines a "Team Member Profile" page blueprint: <pre>"pageBlueprints" : [... { "name" : "Team Member Profile", "description": "Create a page to show a member's profile information.", "spaceKey" : "BP", "pageTitle" : "[[team-member-name]]", "blueprintFields" : [{ "team-member-name", "team-member-username" }, "includeChildren" : none, "visibility" : { "none", "support" } } ...]</pre>
pageBlueprints[j].name	Key/value pair	Defines the name of a page blueprint. The string value assigned to this key will be the name of the blueprint as it appears in the Blueprints Menu .	Naming a page blueprint, "Product Overview": <pre>"pageBlueprints" : [... { "name" : "Product Overview", "description": "Create a page that describes the product.", "spaceKey" : "BP", "pageTitle" : "[[product-name]] Overview", "blueprintFields" : [{ "product-name", "product-logo" } } ...]</pre>
pageBlueprints[j].description	Key/value pair	Describes a page blueprint. The string value assigned to this key will be the description of the blueprint as it appears directly below the blueprint's name/title in the Blueprints Menu.	Description for a "Product Overview" page blueprint: <pre>"pageBlueprints" : [... { "name" : "Product Overview", "description": "Create a page that describes the product.", "spaceKey" : "BP", "pageTitle" : "[[product-name]] Overview", "blueprintFields" : [{ "product-name", "product-logo" } } ...]</pre>

pageBlueprints[j].spaceKey	Key/value pair	Indicates the space that holds a page blueprint's source page. The string value will simply be the key of the space that is holding the blueprint source page. Another way to think about it: The space indicated here is where the value of pageBlueprints[j].pageTitle lives.	If the source page for this page blueprint lives in a space whose key = "BP": <pre>"pageBlueprints" : { ... { "name" : "Product Overview", "description" : "Create a page that describes the product.", "spaceKey" : "BP", "pageTitle" : "[[product-name]] Overview", "blueprintFields" : ["product-name", "product-logo"] } ... }</pre>
pageBlueprints[j].pageTitle	Key/value pair	Identifies a source page that will be used as the template for a blueprint. The string value assigned to this key will be the name of the source page that will be copied whenever new pages are generated from a blueprint. It is possible and indeed recommended to incorporate at least one custom substitution field into this key's value so that each new page created from this blueprint will have a unique name from the start, without requiring any extra input from the user who is creating the new space. Of the built-in substitution fields, <code>[[CURRENT DATE]]</code>, <code>[[SPACE KEY]]</code>, <code>[[PARENT PAGE ID]]</code> and <code>[[SPACE NAME]]</code> are supported.	Defining a page titled, "[[product-name]] Overview", as the source template page: <pre>"pageBlueprints" : { ... { "name" : "Product Overview", "description" : "Create a page that describes the product.", "spaceKey" : "BP", "pageTitle" : "[[product-name]] Overview", "blueprintFields" : ["product-name", "product-logo"] } ... }</pre>
pageBlueprints[j].blueprintFields	Key/value pair	Lists all custom substitution fields included in the blueprint. The array assigned to this key will comprise the names of all custom substitution fields that will be a part of this blueprint. These are the fields blueprint users will be asked to provide values for whenever they create new pages from this blueprint. Each field name listed here will map to a blueprint field object defined in the JSON file. The substitution field name as it occurs in this array will match the corresponding blueprint field object's id key, which will also match the substitution field name as it occurs in the blueprint source page (enclosed in double brackets: <code>[[substitution-field-name]]</code>).	Substitution fields used in a "Product Overview" page blueprint: <pre>"pageBlueprints" : { ... { "name" : "Product Overview", "description" : "Create a page that describes the product.", "spaceKey" : "BP", "pageTitle" : "[[product-name]] Overview", "blueprintFields" : ["product-name", "product-logo"] } ... }</pre>
pageBlueprints[j].includeChildren	Key/value pair	Indicates whether to include a blueprint source page's child pages when generating new pages from a blueprint. The boolean value assigned to this key will specify whether a source page's children will be a part of the blueprint, or just the source page indicated in pageBlueprints[j].pageTitle. Defaults to false if not indicated.	Child pages of "[[team-member-name]]" will be included in this blueprint: <pre>"pageBlueprints" : { ... { "name" : "Team Member Profile", "description" : "Create a page to show a member's profile information.", "spaceKey" : "BP", "pageTitle" : "[[team-member-name]]", "blueprintFields" : ["team-member-name", "team-member-username"], "includeChildren" : true, "availability" : ["done", "support"] } ... }</pre>
pageBlueprints[j].type	Key/value pair	As of Blueprint Maker version 2.0, the type field replaces the includeChildren field. The type field indicates what kind of page Blueprint is to be created. If you simply want a single page created from a Blueprint (and no children) then enter page. If you would like to a page and its children (child pages) then enter tree. If you would like to create a Live Blueprint, where content can be refreshed after creation of the Blueprint, then enter live. Valid values: - page - tree - live	Child pages of "[[team-member-name]]" will be included in this blueprint: <pre>"pageBlueprints" : { ... { "name" : "Team Member Profile", "description" : "Create a page to show a member's profile information.", "spaceKey" : "BP", "pageTitle" : "[[team-member-name]]", "blueprintFields" : ["team-member-name", "team-member-username"], "type" : "page", "availability" : ["done", "support"] } ... }</pre>

pageBlueprints[j].visibility	Array	This field lets users list in which spaces they want this Page Blueprint to be made available. Add the space category label to this list if you want the Page Blueprint to be available in the menu of available Blueprints for use in a space. Not including this field will mean the Page Blueprint is available to all spaces.	Visibility of this page Blueprint to space keys: <pre> pageBlueprints : { ... { "name" : "Team Member Profile", "description" : "Create a page to show a member's profile information.", "required" : "id", "type" : "team-member-name", "blueprintFields" : { "team-member-name", "team-member-username" }, "autoinclude" : true, "visibility" : { "team", "request" } } ... } </pre>
blueprintFields	Array	Lists every substitution field used in your Blueprints. Each item in this array is an object that defines one substitution field.	Define your substitution fields in the blueprintFields Array: <pre> "blueprintFields" : { ... { "id" : "team-member-name", "name" : "Team Member Name", "required" : true, "type" : "medium", "helpText" : "The full name of the team member.", "placeholder" : "Enter name here", "validation" : "[a-z-]+@" }, ... } </pre>
blueprintFields[k]	Object	A substitution field is defined here as an object with properties. A substitution field object comprises a set of key/value pairs that function as specifications or instructions for creating new spaces from this blueprint. Keys in this object: • id • name • required • type • filterGroup • addLabels • multiselect • values • helpText • placeholder • validation	Each substitution field is an object in the blueprintFields Array: <pre> "blueprintFields" : { ... { "id" : "team-member-name", "name" : "Team Member Name", "required" : true, "type" : "medium", "helpText" : "The full name of the team member.", "placeholder" : "Enter name here", "validation" : "[a-z-]+@" }, ... } </pre>
blueprintFields[k].id	Key/value pair	The id field corresponds with the substitution field used on your Page and Space Blueprints. For example, if you used <code>[[team-member-name]]</code> on a Page Blueprint, then that is the id value used here, minus the brackets. The id field is the unique identifier for your substitution field. It is typically a string of text, and always corresponds with the field used on your Page and Space Blueprints.	Each substitution field is a blueprintField Object: <pre> "blueprintField" : { ... { "id" : "team-member-name", "name" : "Team Member Name", "required" : true, "type" : "medium", "helpText" : "The full name of the team member.", "placeholder" : "Enter name here", "validation" : "[a-z-]+@" }, ... } </pre>
blueprintFields[k].name	Key/value pair	The name field is a "Human readable" presentation of the substitution field. It is used in the Blueprint creation window to help users understand this field.	Give your substitution field a name: <pre> "blueprintField" : { ... { "id" : "team-member-name", "name" : "Team Member Name", "required" : true, "type" : "medium", "helpText" : "The full name of the team member.", "placeholder" : "Enter name here", "validation" : "[a-z-]+@" }, ... } </pre>
blueprintFields[k].required	Boolean	The required field, if set to <code>true</code>, sets a flag for this substitution field that forces users to enter a value during the Blueprint creation process. This means a page or space cannot be created until the user enters a value for this field. Possible values are: • true • false	Is your substitution field required?: <pre> "blueprintFields" : { ... { "id" : "team-member-name", "name" : "Team Member Name", "required" : true, "type" : "medium", "helpText" : "The full name of the team member.", "placeholder" : "Enter name here", "validation" : "[a-z-]+@" }, ... } </pre>

blueprintFields[k].type	Key/value pair	The type field defines the field <i>length</i> or field <i>type</i> (if a file upload). The field length is useful for indicating to your users if there is an expectation of a short value being entered, such as a single word name, or a long value, such as a sentence or two. If desiring a file upload, set the type to file and the wizard will allow users to attach a file during the Blueprint creation process. For a picklist of options, enter list and then use either the filterGroup or values field. Valid values: • default • short • medium • long • file • list	Give your substitution field a type: <pre>"blueprintFields" : { ... { "id" : "team-member-name", "name" : "Team Member Name", "required" : true, "type" : "medium", "helpText" : "The full name of the team member.", "placeholder" : "Enter name here", "validation" : "[a-z-1-5]" }, ... }</pre>
blueprintFields[k].filterGroup	Key/value pair	The filterGroup field is used with the "list" type to identify a BrikIt Targeted Search Filter Group. The Filters in this Filter Group are used as the picklist options, and can be added as labels too, with addLabels set to true. Read more about using Targeted Search Filters with Blueprint Maker.	Enter the exact (case-sensitive) name of the Filter Group: <pre>"blueprintFields" : { ... { "id" : "team-member-name", "name" : "Team Member Name", "required" : true, "type" : "list", "filterGroup" : "Team Member Name", "helpText" : "The full name of the team member.", "placeholder" : "Enter name here", "validation" : "[a-z-1-5]" }, ... }</pre>
blueprintFields[k].addLabels	Boolean	When you set your type to "list" and addLabels to true, then the options in your values array will be used in the picklist and applied to the resulting page as labels. Read more about Applying Labels via Blueprint. Possible values are: • true • false	Want the picklist options to be applied as labels to the page? <pre>"blueprintFields" : { ... { "id" : "team-member-name", "name" : "Team Member Name", "required" : true, "type" : "list", "filterGroup" : "Team Member Name", "helpText" : "The full name of the team member.", "placeholder" : "Enter name here", "validation" : "[a-z-1-5]", "addLabels" : true }, ... }</pre>
blueprintFields[k].multiselect	Boolean	If your blueprintField type is set to "list" to use a list of values (or filterGroup) as an array, then set multiselect to true to allow users to select more than one option in the picklist. Possible values are: • true • false	Want users to select multiple options? <pre>"blueprintFields" : { ... { "id" : "team-member-name", "name" : "Team Member Name", "required" : true, "type" : "list", "filterGroup" : "Team Member Name", "helpText" : "The full name of the team member.", "placeholder" : "Enter name here", "validation" : "[a-z-1-5]", "multiselect" : true }, ... }</pre>
blueprintFields[k].values	Array	With a type set to "list", then define the picklist options in an array of values here. This is a comma-delimited set of text, each enclosed in quotation marks. Note 1: if addLabels is true, then the options in the values array must be valid Confluence labels. (if not, an error will occur). Note 2: if filterGroup and values are both defined, the options will use the filterGroup Filters (in Targeted Search) and ignore the values options.	Define a list of options to present to users in the picklist: <pre>"blueprintFields" : { ... { "id" : "team-member-name", "name" : "Team Member Name", "required" : true, "type" : "list", "filterGroup" : "Team Member Name", "helpText" : "The full name of the team member.", "placeholder" : "Enter name here", "validation" : "[a-z-1-5]", "values" : ["Team Member Name", "Team Member Name", "Team Member Name"] }, ... }</pre>
blueprintFields[k].helpText	Key/value pair	The helpText field is an optional, short description or instruction that appears below the field in the Blueprint wizard. This is meant to give users more information about the field, and the kind of values they should be entering.	Give your substitution field some help text: <pre>"blueprintFields" : { ... { "id" : "team-member-name", "name" : "Team Member Name", "required" : true, "type" : "medium", "helpText" : "The full name of the team member.", "placeholder" : "Enter name here", "validation" : "[a-z-1-5]" }, ... }</pre>

blueprintFields[k].placeholder	Key/value pair	The value of the placeholder field is presented in the field itself as a kind of sample text or succinct instruction to the user. Like the helpText, it is optional but good practice for assisting users in the Blueprint creation process.	Give your substitution field a placeholder value: <pre> "blueprintFields" : { ... { "id" : "team-member-name", "name" : "Team Member Name", "required" : true, "type" : "medium", "helpText" : "The full name of the team member.", "validation" : "^[a-z-]*\$", "placeholder" : "Enter name here", }, ... } </pre>
blueprintFields[k].validation	Key/value pair	The validation field takes a regular expression and uses it to check that a user's input is valid. This is particularly useful to verify that a user has entered the expected kind of characters, such as <i>only text</i> , or <i>only numbers</i> , or a standard character pattern (as in a phone number or email address). Learn more about regular expressions .	Validate your substitution field value using regex: <pre> "blueprintFields" : { ... { "id" : "team-member-name", "name" : "Team Member Name", "required" : true, "type" : "medium", "helpText" : "The full name of the team member.", "placeholder" : "Enter name here", "validation" : "^[a-z-]*\$" }, ... } </pre>
spaceMetadata	Array	A list of the Confluence and app metadata packages to be included during the creation of a Space Blueprint. We recommend keeping this array as it is and not removing any items in order to ensure successful Blueprint creation. The default list items are: - atlassian.confluence.* - com.brikit.*	If the source page for this page blueprint lives in a space whose key = "BP": <pre> "spaceMetadata" : ["atlassian.confluence.*", "com.brikit.*"] </pre>
pageMetadata	Array	A list of the app metadata packages to be included during the creation of a Page Blueprint. We recommend keeping this array as it is and not removing any items in order to ensure successful Blueprint creation. The default list item is: com.brikit.*	If the source page for this page blueprint lives in a space whose key = "BP": <pre> "pageMetadata" : ["com.brikit.*"] </pre>
createSpaceGroups	Array	A list of the groups who are allowed to create a Space Blueprint . BLUEPRINT-112	If the source page for this page blueprint lives in a space whose key = "BP": <pre> "createSpaceGroups" : ["blueprint-makers"] </pre>

Related

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