

Suggestions de Sébastien DERRIERE

Mail de Sébastien DERRIERE suggérant des modifications à faire. Par manque de temps, je n'ai pas pu les effectuer.

"Salut Antoine,

Voilà quelques suggestions de modifications pour l'aide du chatbot, histoire de la rendre plus pertinente.

Attend peut-être d'avoir les retours d'André et Thomas pour appliquer ces changements.

Tout d'abord, rendre visible que les items du menu d'aide sont des liens, et qu'on peut les cliquer pour afficher des messages d'aide plus spécifiques.

measure -> measurement (plusieurs occurrences à modifier)

Je mets en gris le texte existant, et en orange une suggestion de remplacement. En noir, des commentaires à voir :

Get a measure

You can ask me to seek one or more measures values for a given object name (ex : Sirius) or type (ex : Star)

After that, I remember which object is asked during the 5 next requests (or 20 minutes). My "context memory" is also rebooted when you talk about an other object. In this period, feel free to ask me an other measure on this object.

If you are not satisfied by the results, you can ask me to try again, and I would seek in VizieR rather than Simbad.

If you don't know how to ask me to get a measure, you can try something like

"What is the [measure] of [object]."

ex : What is the parallax of Sirius

"[measure 1], [measure 2] and [measure n] of [object]."

ex : Proper motion, redshift and position of T Tau

"[measure] of [object type]."

ex : Parallax of dwarfs

Click on the exemple to get it in your search bar.

You can ask me to seek one or more measurements for a given object name (ex : Sirius) or type (ex : Star)*, primarily from the SIMBAD database

After that, I remember which object is asked during the 5 next requests (or 20 minutes). My "context memory" is also rebooted when you talk about an other object. In this period, feel free to ask me an other measure on this object.

If you are not satisfied with the results, you can ask me to try again, and I will search in VizieR rather than Simbad.

If you don't know how to ask me to get a measure, you can try to click on the following examples :

What is the parallax of Sirius ?

Proper motion, radial velocity and position of T Tau

Avec les liens directement sur les lignes d'exemples.

Parallax of dwarfs -> à mon avis, ne pas garder cet exemple, je n'arrive pas à le faire marcher sur d'autres cas... et le résultat n'aurait que peu de sens.

* il faudra regarder d'un peu plus près la pertinence de ce genre de requêtes, car bien souvent le résultat est très vague, et peu pertinent...

Get a list of parents/children/siblings

You are interested by an object and you would like to know its family tree ?

Lucky you, I can seek in Simbad the complete list of parents, children and siblings for an object ! Just ask me.

When the list is displayed, you can hover any object name to get a preview, and click on it to get a complete data list extracted from Simbad.

You also can filter the results by specifying a precise objet type.

If you don't know how to ask me to get a hierarchy list, you can try something like

"Parents of [object]."

ex : Parents of T Tau

"Children of [object]."

ex : Children of Sirius

"Siblings of [object]."

ex : Siblings of Electra

"Which [object type] are children of [object]."

ex : Which stars are children of the Pleiades

Click on one of the exemples to get it in your search bar.

I can seek in Simbad the hierarchical relations of an object to its parents, children and siblings ! Just ask me.

When the list is displayed, you can hover any object name to get a preview, and click on it to get a complete data list extracted from Simbad.

You also can filter the results by specifying an object type.

Try to click on the following examples :

[Parents of T Tau](#)

[Children of Sirius](#)

[Siblings of Kepler 20f](#)

[Which stars are members of the Pleiades](#)

Avec les liens directement sur les lignes d'exemples.

Picture of an object

I'm also a photographer in my free time !

De facto, if you want to see a star or a space region for exemple, I can seek in my photo album or in Aladin something for you.

You also can add a wavelength filter among IR, UV, x-ray, gamma and of course optical.

I can handle object types, so if you want to see a kind of object but you don't know a precise name, say the type, I will seek for you.

If you don't know how to ask me to get a picture, you can try something like

"Show me [object]."

ex : Show me Electra

"Picture of [object] in [wavelength]."

ex : Picture of the Pleiades in infrared

"I want to see [object]."

ex : I want to see Andromeda

"Show me a(n) [object type]."

ex : Show me a giant star

Click on one of the exemples to get it in your search bar.

I can use Aladin Lite to show you interactive surveys centered on your favorite object, in many different wavelength domains (IR, UV, X-rayx, gamma and of course optical).

I can handle object types, so if you want to see a kind of object but you don't know a precise name, say the type, I will seek for you. ** attention ça ne semble plus marcher !

Here are a few questions I can answer :

Show me Electra

I want to see Andromeda

Picture of the Pleiades in infrared

??? exemple par type si ça marche

Avec les liens directement sur les lignes d'exemples.

Les questions du genre "Show me a giant star" font planter le système ->

This object does not exist. Please verify. && I'm thinking...

Find catalogues in Vizier

If you are looking for something and you want to find an answer in Vizier, it could be useful to know in which catalogues seek.

In this kind of request, you can add some precisions about the looked for catalogue : its name, a measure needed, an object (such as Sirius) mentioned or an object type (such as QSOs) studied.

You also can tell if you want the latest released catalogue or the most popular.

With these information, I will look for you a list of matching catalogues, and you will be able to see them directly in VizieR by clicking on their name.

If you don't know how to ask me a list of catalogues, you can try something like

"Query the latest [catalogue name] catalogue."

ex : Query the latest Veron catalogue

"Most popular catalogue measuring [measure] and talking about [object type]."

ex : Most popular catalogue measuring redshift and talking about QSOs

"Best catalogue speaking about [object name]."

ex : Best catalogue speaking about Sirius

Click on one of the exemples to get it in your search bar.

VizieR contains thousands of catalogues, and it is useful to discover the most relevant ones. You can search by mission or author name, certain type of measurements (redshift, proper motions, ...), by object name (e.g. Sirius) or by object type (e.g. QSOs).

You also can tell if you want the latest released catalogue or the most popular one.

With these informations, I will look for a list of matching catalogues, and you will be able to see them directly in VizieR by clicking on their names.

Click on the following examples to try them :

Query the latest Veron catalogue

Most popular catalogue measuring redshift and talking about QSOs

Best catalogue speaking about Sirius

Find some objects in an area

There are two ways to use this functionality.

First of all, you can ask me to find every object recorded in Simbad around another.

The default search radius is 0.5° , but you can specify another. In this case, I will show you the results with Aladin-Lite, in a widget where you will be able to click on any result to get some information, but also in a list where hovering an object name will show you a little preview on it. Finally, you can filter the results with a precise object type.

If you don't know how to find some objects around another, you can try something like

"Find something [radius] around [Object]."

ex : Find something 0.2° around Electra

"Find some [object type] in a radius of [radius] around [Object]."

ex : Find some stars in a radius of 1' around M 31

The second way is possible if an Aladin-Lite widget is displayed in the chat area.

In this case, you can use it to freely move in the sky. If you find an interesting object and you want to know which one it is, put the Aladin-lite cursor on it and ask me what it is, I will give you this information.

You can open a sky map saying

"Show me the sky."

When you have found your object, just say something like

"Find this object."

There are two ways to use this functionality.

First of all, you can ask me to find all SIMBAD objects around a target object.

The default search radius is 0.5° , but you can specify another value. In this case, I will show you the results with Aladin-Lite, in a widget where you will be able to click on any result to get some information, but also in a list where hovering an object name will show you its preview. Finally, you can filter the results with a precise object type.

Try to click on the following examples :

Find something within 0.2° of Electra

Find some globular clusters in a radius of 30' around M 31 * attention le type d'objet semble ignoré !

The second way is possible if an Aladin-Lite widget is displayed in the chat area.

In this case, you can use it to freely move in the sky. If you find an interesting object and you want to know which one it is, Put the Aladin-lite cursor on it and ask me what it is, I will give you this information.

You can open a sky map saying

"Show me the sky."

When you have found your object, just say something like

"Find this object."

Ce paragraphe en violet, c'est bizarre et je ne comprends pas ce que c'est censé faire !!
Ca semble dire qu'on peut pointer un objet dans Aladin Lite et avoir des infos dessus.
Mais je n'arrive pas à le faire marcher.

Get a list of objects

I can find for you a list of astronomical objects matching with a particular object type or having the same type than a precise object.

If you want a more accurate research, feel free to give me some conditions on these measures : redshift, parallax, right ascension and declination.

Warning : I can't display more than 50,000 results.

If you don't know how to ask me a list of astronomical objects, you can try something like

"List some [object type] with [measure] <|>|<|=|>= [value]."

ex : List some galaxies at redshift ≤ 0

"Find some objects looking like [object name]."

ex : Find some objects looking like T Tau

"Find some [object type] at [condition 1] and [condition 2]."

ex : Find some stars at $z > 0$ and parallax ≤ 150

Click on one of the exemples to get it in your search bar.

I can find for you a list of astronomical objects matching with a particular object type or having the same type than a precise object. (Warning : I can't display more than 50,000 results.)

If you want a more accurate research, feel free to give me some conditions on these measures : redshift, parallax, right ascension and declination. *

Try the following examples to query lists of astronomical objects :

List some galaxies at redshift > 7 **

Find some objects looking like T Tau

Find some galaxies at $z > 1$ and declination $> +80$

* est-ce que c'est compliqué de mettre plus de mesures ?

** le résultat ici n'est pas pertinent car il faudrait exclure les mesures qui sont des vitesses radiales, pour ne garder que les vrais redshifts (rvz_type='z') par exemple `SELECT rvz_type, rvz_nature, rvz_redshift FROM basic WHERE rvz_redshift>7 AND rvz_type='z'`

Peut être qu'une intention qui réafficherait l'aide de départ serait utile, par exemple si on lui demande : help, help me, faire la même chose que "what can you do?"...

Et une commande "reset" pour forcer le reset, pour se sortir des situations où on semble bloquer dans un contexte donné.

Sébastien”