**P 10**

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【ask】

Well, okay, let's get started . You should have listened to some of the technical documents just mentioned , and then you probably know what it is . We're targeting documentation for developers , not your average manual . Well, first of all, I want you to briefly introduce your professional background and some development experience you have done. I don't need to go into such details first .

【answer】

My undergraduate major is X X at X X University, X X College , and my graduate student is now in the X X direction of X X College , and now I am doing an internship in X X, and then the direction is roughly the direction of NLP . Then I have experience in development. I have done some relatively small websites, such as online reservations, when I was an undergraduate, and then I made some knowledge maps when I finished the design , which is a thing of NLP . Then when I was a graduate student, I continued to work on some N LP projects, such as an automatic correction system based on deep learning. Now my internship is doing one, that is, there is a UNIT platform, and then there are some semantics such as word slots . Aspect analysis or analysis of some components.

【ask】

Your development experience is about four or five years from the undergraduate level, counting from the undergraduate level .

【answer】

Yes, but it is more complicated. At first, it was some software development, and then it may gradually be engaged in algorithm .

【ask】

Then please recall a certain tool, a certain framework, or even a certain programming language that you have learned recently or before , and then you can talk about how you learned it, where did you hear it and decided to Start by learning it, until you actually learn it, and then use it to complete some projects, some work .

【answer】

Well, that means when I was interning recently, because I was interning at X X, they have a framework for natural language processing , that is, Paddle. Paddle is divided into two versions of Paddle1 and Paddle2 . Development . It is similar to pytorch in code logic and structure , but there are some differences . Then in my usual development, I refer to some documents inside Baidu, which is the introduction of API, and then develop the code, and then realize the function.

【ask】

How did you refer, did you read this document ?

【answer】

Yes , just read these documents, for example, because I don't go from 0 to 1. For example, when I mentor him, he has some code before, that is, some functions have been completed, and then I may need to add or modify it, and then I I can refer to his code, and then for example it uses a function, I don't know what it does, and then I can go to that website to search, and then search for the specific meaning of this function, parameters , and return values . things, and then come to understand this code, and then make my own modifications and improvements .

【ask】

One is based on code written by someone in front of you, and the other is based on documentation, right?

【answer】

Yes, or the company also has an internal search , that is, you can see a technical document written by other people inside the company, for example, if you search for a problem, maybe he writes a blog to record the problem, and then directly to you. Click in to see if it's what you want .

【ask】

Is this only available on the company 's intranet ?

【answer】

Well, yes yes .

【ask】

Oh understand, um, what do you usually do when you have a problem?

【answer】

Well, if you encounter a problem , the first thing is to check it yourself first, to see if the function is used incorrectly , or the logic is wrong. After that, you can ask my mentor, why is this here? Is the environment wrong or my function is wrong.

【ask】

Will you go to the documentation then?

【answer】

Yes, the documentation is the first thing to look at. I may be using this language and this framework incorrectly, and then I will take a look first and check if I am using it wrong .

【ask】

Looking at the documentation is mainly to verify that it is true or false right ? Well, then ask your mentor if the documentation can't solve it .

【answer】

Yes, it is.

【ask】

The following is to ask your understanding of documentation, what role do you think documentation plays in the development process ? Does it matter ?

【answer】

Well, for example, when I first learned this thing , it was one of my learning materials, and then I had an understanding of some basic usage of it when I first got started, and then when I developed it later , which part I used, Then I will go to study that part of the chapter , and then if I encounter problems, I will check whether it has those , because its document, its web page have those related problems, and then it has some questions and answers, Then it is possible that your problem can be explained .

【ask】

The related questions on the webpage you are talking about are the kind of Q&A, right ?

【answer】

Yes yes .

【ask】

Well, it means that you use this document in different stages. At the beginning, it is to learn it, mainly read its introduction, and then use it in depth to see the in-depth part.

【answer】

Yes, it is a general understanding at the beginning , and then I will check which part I will use later, and then if I encounter a problem, I will study it in depth, and then do a special search.

【ask】

Well, what types of documents do you usually use?

【answer】

It is this kind of official document that is used a lot, um, and for example, I searched and found that some people wrote something like a blog type , which is also considered one . Basically these two .

【ask】

Only these two, nothing else? Will you read tutorial materials and the like ?

【answer】

would read tutorials before . For example, if I learn this, for example, natural language processing, it also has many directions, such as what is the recommended direction, and then I will read books, um, then buy a book, and then read its various directions. An introduction to various frameworks in each direction.

【ask】

So how did you find these documents? What is the main way to find it ?

【answer】

For books, I will read some recommendations on Zhihu, for example , and then there are some public accounts. I pay more attention to some senior public accounts that I think are very reliable. There are some recommendations on it, and then find me from those recommendations. I want to read this book. Then the official word is that it is officially given to me and let me learn, yes, then the blog is what I found by myself, I think it is useful to me, and then I will continue to read .

【ask】

search engine finds it , if the official word is official, go directly to the official website to see it ?

【answer】

Yes .

【ask】

After you find these documents, how do you read them, and how do you quickly read the information you need ?

【answer】

Well, for the official document, I think its general design is quite reasonable. It will be divided into many directions. For example, the official document of paddle will be divided into paddle 1 and paddle 2, and then it will be divided into paddle 1 and paddle 2. Divided into, for example, the N LP direction, then the CV direction, and then the N LP direction. It will be divided into the activation function and some layer structures . Then it is very finely divided. As long as you have an understanding of N LP, you will know which part of the function it should belong to, and then you can go there to find it quickly, or if you are not sure, just use that Search is to directly enter its function, and then you can find it directly .

【ask】

Search is a search function inside the document ?

【answer】

Yes , and for books , the direction you want to study is a slightly larger-grained category, and you may go to that chapter to see if there is the question you want .

【ask】

Locate by table of contents chapter?

【answer】

Yes, it is.

【ask】

So can you recall the examples of good documentation and bad articles you've seen? Can briefly talk about their advantages and disadvantages .

【answer】

Well, a good document I think is written in more detail and clear, and it will not mislead you .

【ask】

Can you give an example ?

【answer】

a good document , because I used C++ to develop relatively little before , so I need to develop in C++ now , so I also use an official technical document of C++ . It's all in English, but I think it's written in English for each method is relatively simple, it's very direct, and then some examples will be given below, and then it looks like , sometimes you may feel that the English looks like words Many, or you just look at the example of it, and then you understand what the function is doing and why it gets this result , I think it's pretty good .

【ask】

The examples it gives are better, so you can learn it more intuitively, right?

【answer】

Yes, I feel like this example might be a bit more direct than its introduction to the language .

【ask】

Is the example the kind that has the code ?

【answer】

There is a code for it, and then it gives you an input and output, and there are several kinds of it, that is, it has some comparisons , that is, the comparison between functions, for example, some functions return some kind of processing, another function After different treatments, it can be seen immediately .

【ask】

Besides this example is better, is there any other advantage ?

【answer】

Well, other advantages , because the official one is definitely more accurate, if you go to the Internet to search directly, there will be many results, such as the blog you get on C SDN , its quality is uneven, just think it says It's cloudy, or it's not right. The official one should be more authoritative.

【ask】

Linguistically, how is the language?

【answer】

The language is straightforward and easy to understand.

【ask】

What about structure?

【answer】

In terms of structure, because generally when I go to read the document, I encounter some problems, and then I go to search directly, and I can usually get the desired results quickly. I will not say that it is right from the beginning to the end, so I also Don't pay much attention to this structure .

【ask】

Got it, oh, so can you give some poor examples ?

【answer】

A bad example, because technical blogs are also a kind of technical documents. There may be more and more such blogs on the Internet, and then the level is limited. For example, the C SDN , when I used it before, I felt that its level was ok, I thought its tutorials were ok and quite accurate, but then I felt that it was very messy, and it was difficult to find a correct one Yes, very valuable blog post.

【ask】

In addition to C SDN , have you used foreign forums like this?

【answer】

Foreign, that is the stack overflow, that's pretty good. I think it asks a question, and there are many answers in the back. Generally, the answer at the top is the best answer, the most correct answer. Then it is very convenient and very efficient when solving problems .

【ask】

In addition to this kind of unofficial documentation, have you seen any worse ones in the official documentation?

【answer】

Official documentation , I don't think I've used anything that's too bad, because before I use it, I'll just find out if there's something better, and then I'll just use the better one, and the worse ones are generally not. use . I think that the official documents that are relatively poor are not used by many people, so everyone thinks it is not easy to use, and no one uses them, and then gradually disappears.

【ask】

The next question is about documentation feedback. Have you seen that kind of documentation that is fed back?

【answer】

It's just me asking a question, and it answers me right?

【ask】

It is at the bottom of the document or somewhere to leave you a feedback channel, for example, you can make comments, ask questions, or like, or leave you a contact information or something .

【answer】

Hmm, there should be quite a few of them. For example, because I am in the company, my mentor asked me to join the paddle's answer group, where I can ask him directly, and then there will be relevant people on duty. Then will answer you very promptly.

【ask】

In addition to your company's own, do you have a feedback path for other documents you have used?

【answer】

Generally, you can comment directly below, and he will answer you if he sees it.

【ask】

Will you comment then?

【answer】

I have, for example, the tutorial is very detailed and well written , but I may have some steps that are different from it, and then I will give it some of my opinions, or ask it why it is like this .

【ask】

Well, what was it that prompted you to comment ?

【answer】

Just improve it. Maybe I think many people will read this article, and then I encounter a problem that other people have not encountered, so this opinion I mentioned is also good for him, maybe others encounter the same as me. The question can also be answered.

【ask】

The next question is, if there is a more idealized state that allows you to get a very good document, what do you expect the document to look like? You can summarize in a few points the characteristics you expect of a good document.

【answer】

I think it can write a different document for different levels of people. For example, if you are a beginner, you should go step by step, and then for those who have already entered the door and have a certain foundation, you should purposely and Simpler places can be written briefly, and there are details.

【ask】

Are you saying that this document should be detailed properly, simple where simple and detailed where it should be detailed?

【answer】

Yes, it is focused.

【ask】

One is focused, and are you the other divided into two different versions?

【answer】

Yes, yes, I think so. Because when you read blogs , some people may have a higher level, and then what they say is relatively brief. And then some people may be a little novice, and they write in a little more detail, and then sometimes they feel a little long-winded, anyway, they have different feelings.

【ask】

Is there anything else besides this?

【answer】

Another thing is to maintain a certain level of real-time, because I think, for example, the paddle I use now is also constantly iterating, and it also has some different versions before. I hope that the technical documents will be updated faster, and then I can follow The speed of this iteration, and then there will be no problems with people who are using it, and then they may not be found when checking the documentation.

【ask】

Any more?

【answer】

Also, when I read some foreign technical documents, I am used to reading English, that is, the original version, but I also read some Chinese before, which is translated, I just hope that it can be translated not so rigidly . , sometimes it is simply translated from its superficial meaning, but I think the translation is actually inconsistent with its actual meaning, that is, you don't understand what the connection is .

【ask】

Well, in the translated version like the one you have read, it is unique to some English , for example, will it also translate variables ? Or does it keep the name of that variable ? Because the codes are all in English, some people feedback that it is better to read English directly. Will the English keywords be directly retained when translating?

【answer】

Yes, it will remain. Is that the kind of mixed Chinese and English? I can also accept mixed Chinese and English, because there are indeed some nouns, such as handle, which are sometimes translated into handles and the like, and then I don't know what it means. You just keep the handle, and if the translation is not good, keep it.

【ask】

Is there anything else to add? Do you think the documentation is better.

【answer】

It should be nothing, anyway, it is really more comfortable to read some original English versions, but for example, when I first started learning about deep learning, I usually read books on statistical learning methods, and then it actually It was also translated from abroad. At that time, I thought it was a good translation, that is, in terms of understanding, those words, and the transformation of knowledge, it was still quite grounded, that is, I could understand it more clearly. For example, if you look at some Chinese learning materials, it is okay. If you directly look at the code, it is better in English, and it is specific to a certain function. Those who read English are better.

【ask】

Is there anything else to add besides language?

【answer】

Should be gone.

【ask】

Finally ask a question about programmers. What do you think is the difference between programmers and other professionals in China?

【answer】

I think programmers in the company are more equal , that is , although they have experience, mentors, leaders, etc. , but they are like a senior brother, very approachable, and then if you have any questions, just ask directly, if you have any questions, just ask directly ask. This will also improve your work efficiency and communicate quickly. I think this should be different.

【ask】

Is it because the programmers you meet are relatively young, so the age gap is not big?

【answer】

Indeed, I feel that most of the people in the department are in their 20s . Maybe the leader is in their 30s . Yes , the manager may be in their 40s, but I think managers and leaders are also very young mentally. It 's fine if you don't have a particularly grown-up temperament .

【ask】

Then from the study, from the point of view of life?

【answer】

From the point of view of study and life, I think if there is something you don’t understand in your study, they can help you quickly, and you won’t be impatient or anything. I think it’s pretty good.

【ask】

So what is your own study habit?

【answer】

yourself , because you are doing a project, you may only need to know this knowledge, but if you change direction, you change a project, and you change a job, it may be another kind of knowledge, so you keep on Work, keep learning new things, keep learning.

【ask】

There is such a need for continuous learning, so is it more self-learning?

【answer】

Yes, it is more self-study, most of which need to be learned by yourself, but there must be some people who have already contacted this project. As a new entrant, you are just starting to do it, you should learn by yourself first, if you have any questions, you can ask some senior people, and then it is a process of communicating and working at the same time.

【ask】

Or tend to self-study, should be self-study most of the time.

【answer】

Yes, just look at some code and check some information by yourself. If you encounter problems, you should solve them first, and ask if you can't solve them.

【ask】

Nothing else, today's interview will be here first.