In Charge Computer Science Department Interview Questions And Answers Guide.

In Charge Computer Science Department Job Interview Preparation Guide.

Question # 1

Do you know what is the motive behind building a school?

Answer:-

The motive behind building middle school is to fill the gap between elementary and high school and easy transition of students into adolescence.

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Question # 2

Tell us what will be your approach when a lesson does not work well?

Answer:-

* Try to analyse what went wrong
* Concentrate on the weakness of the lessons
* Make the content easy and more comprehensive
* Utilize useful resource
* Take advice and guidance from other experienced teachers

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Question # 3

Tell us according to you what is the role of parents towards students in a school?

Answer:-

* Parents should be supportive
* Parents should try to understand their child learning ability and motivate them to improve further
* Parents should not oppose on their liking and dislike towards the subject
* Parents should tell the student that it is ok to fail
* Parents should encourage students to learn new things
* Parents should track their progress in schools
* Parents should build qualities like patience, hard work and practice

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Question # 4

Explain me what are the duties of a school teachers?

Answer:-

High school teacher duties includes
* Prioritizing teaching methods
* Preparing material for seminars and presentations
* Enforcing disciplinary actions
* Conducting progress reports
* Assessment of student progress
* Lecturing and discussing concepts
* Making administrative and budget decisions

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Question # 5

Please explain how can a teacher handle a weak student?

Answer:-

* A teacher can motivate weak student by motivating them for the subject they are interested in
* Sometimes the teacher has to realize specially weak student about their strength and its capability
* Teacher can confront individually with the student about the problem he is facing

* Teacher could adopt different teaching methods, so it's easy for the student to understand the thing
* Teacher must encourage such student to express their view on the subject or any topic
* Teacher must create an ambience that make them feel equally important and unbiased

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Question # 6

Tell us how teacher can involve parents in students' progress?

Answer:-

* Regular parent's conference: One-to-one contact is the best way to communicate with parents. In a conference, teacher need to discuss the student progress and any concern parents has about the student
* Use technology: Teacher should post about assignment, project due dates and event information on their school website so parents can be aware of the latest updates and events going on the school. Providing an e-mail is another effective way to communicate with parents
* Open House: Encourage parents to participate as classroom volunteers, and become a member of parent teacher organization. Open house is another medium to keep parents updated with essential information they will need throughout the year
* Monthly Newsletter: It is an easy way to keep parents informed about their child progress. Newsletter includes information like school events, assignment due dates, monthly goals, volunteer opportunities, etc.

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Question # 7

Tell us what strategies would you use to help struggling students?

Answer:-

Everyone learns differently and the great teachers are not the ones who help the students who get it easily but the ones who help the struggling students.

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Question # 8

Why are you passionate about CS?

Answer:-

I think passion is huge. And it can't easily be faked.

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Question # 9

Please explain how do you teach to the state standards?

Answer:-

If you interview in the United States, school administrators love to talk about state, local, or national standards! Reassure your interviewer that everything you do ties into standards. Be sure the lesson plans in your portfolio have the state standards typed right on them. When they ask about them, pull out your lesson and show them the close ties between your teaching and the standards.

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Question # 10

Tell us how do you communicate with parents?

Answer:-

This question will come up at almost every elementary school interview. It's fairly common in the middle school and high school as well. You might have a weekly parent newsletter that you send home each week. For grades 3 and up, you may require students to have an assignment book that has to be signed each night. This way, parents know what assignments are given and when projects are due. When there are discipline problems you call home and talk to parents. It's important to have an open-door policy and invite parents to share their concerns at any time.

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Question # 11

What are your greatest strengths as In Charge Computer Science Department?

Answer:-

This question will probably be asked. Now, if you researched the district/school and found out what they are looking for in a candidate, you will be able to focus your response on that information, keeping in mind it is important to tell the truth. With every response you must show your VALUE to the district. This will also give them an idea on how you view your talents and skills as a teacher. Perception is critical... you must be able to confidently discuss your skills using a convincing approach.
It is important the answer shows your hard/tangible skills. For example, classroom management, curriculum development, or technology integration. These skills will show the interviewer(s) what you can do on the job. Don't stop there, you will set yourself apart from the pack if you can back up your claims with actual stories. This will build credibility... it shows you really are good at what you are claiming. Tell them about what you have done to incorporate technology into the classroom and what was the result. The result part of the story sells value... and that produces job offers.

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Question # 12

Tell me how will you prepare students for standardized assessment?

Answer:-

There are standardized assessments at almost every grade level. Be sure you know the names of the tests. Talk about your experiences preparing students. You'll get bonus points if you know and describe the format of the test because that will prove your familiarity.

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Question # 13

Explain the role of ethics within your CS program?

Answer:-

With the massive changes that computing is making on society today having ethics being someone a teacher thinks about and addresses is important to me.

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Question # 14

Tell me are you ready / willing to share your "war stories" with the class, to help humanize the subject?

Answer:-

This is important to me. I think teachers should make teaching personal and that means sharing your own history.

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Question # 15

Do you know what the teacher must do on their very first day?

Answer:-

On their very first day, teacher must do following things
* Know the school policies
* Familiarize yourself with the school
* Meet your colleagues
* Make your material ready for the first day
* Prepare your lesson thoroughly and stay relax
* Make detailed lesson plans for the first week
* Teach something to the student that is easy for the student to learn, and spend last 5-10 chatting with the student

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Question # 16

Tell us how often is good to see students' parents?

Answer:-

A weekly meeting would be more preferable to monitor student progress, which is usually held by sending a weekly parent newsletter. For grades 3 and above, a daily assignment book will do this job as their parents has to sign on their daily progress report. On disciplinary subject, you can call and talk to their parents.

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Question # 17

Explain me how can you bring interest among students for subject like science?

Answer:-

* At the beginning of the year, set the tone as the science is creative, dynamic and fun
* Wherever possible ask question to arouse curiosity
* Use example of scientific discoveries often in your conversation
* Take help of other science teachers for organising some science fair or seminar for students or group activities related to science
* Look for collaboration with local scientific research institute even if it is for temporary
* Take full advantage of lab facilities
* Let student work freely with their practical's and let them use the trial and error method

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Question # 18

Explain me what is the major reason for the drop out in a school is observed?

Answer:-

The major reason for the drop out in school is observed to due to student's lack of skill in reading, writing, mathematical, reasoning and other learning skills. Also, students who are drop out of school finds schooling boring and less interesting.

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Question # 19

Do you know what are the responsibilities of a school teacher?

Answer:-

The middle school teacher responsibilities includes
* Helping children to move from early phases of learning to become expert
* Conducting and grading tests
* Presenting and setting up lessons
* Working with students both in groups and personally
* Tracking and monitoring the performance and progress of each student
* Regular meeting with parents to discuss student's progress
* Supervising activities after school hours for sports, club and dance activities

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Question # 20

Tell us how you can prepare students for standardized assessments?

Answer:-

In almost all grades, standardized assessment is carried out. You should be able to tell the name of the test and format of the test, it will be an extra credit if you explain it with some of the experiments you carried out with the students.

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Question # 21

Tell us what thing middle school teacher (PGT & TGT) have to take care while dealing with students?

Answer:-

* Don't dictate or pressurize student to use what they have learned
* Don't expect from the student to understand everything what you thought specially figurative language
* Don't keep talking and discussing the topic to yourself, let student get involved in it
* Don't make student work on the same thing over and over
* Don't embarrass students
* Don't allow to sit students in groups with the same peer
* Don't expect students to work independently

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Question # 22

Tell me what does special education teacher do in a school?

Answer:-

Special education teacher helps the students who have severe emotional or physical disabilities. Their key responsibilities include
* Specialized techniques used to teach such students like problem-solving assignment, intensive individualized instruction and small group work
* While arranging test, lengthening the time for a test or providing material which is read-only
* Develop IEP (Individualized Education Program) which sets individualized teaching program for specific students and preparing them for middle school
* Co-ordinates with associate teachers, teacher assistant, therapist, social workers and related personnel to meet such student needs
* Teaching such students individually in a separate class

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Question # 23

Tell us what is the extracurricular activities a school teacher can organize?

Answer:-

* Quiz competition based on subjects
* Debate or discussion on subjects and out of subjects
* Indoor and outdoor games
* Drama and stage performance
* Yearbook
* Volunteering in NGO's or field that student interest

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Question # 24

In what areas parents can offer their volunteer service?

Answer:-

Parents can offer their volunteer service in various field like lunch-room monitor, tutor, crossing the guard, library aid and concession stand worker for school events.

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Question # 25

What approaches will you bring to the classroom to make this subject matter worth learning?

Answer:-

Relevance may be an overused work in some circles but it is still important.

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Question # 26

Basic In Charge Computer Science Department Interview Questions:

Answer:-

* What strategies would you use to attract and retain women and minorities in your program?
* Experience in CS
* what projects you have done in college
* why are you passionate about CS
* Teaching and tutoring experience at which levels.
* What's your vision for the CS program here, what part do you want to play
* what resources do you need,
* which classes should we teach.
* Why teaching instead of industry?
* How would you explain what a ZIP file is?
* What are the common misconceptions about nested for loops?
* What have you learned from a student?
* Pick a language and tell me why it's the best language for our students. Now tell me the challenges of using that specific language with these students, and how you would overcome them.

* Students at this school need some help with <concept/skill>. Tell me how you would use your CS class to help them.
* I walk into your class..describe to me what's going on and why.
* How have/would you balance individual, pair and group assignments?, How does this impact assessment of your students' progress?
* Explain the role of ethics within your CS program.
* What strategies would you use to help struggling students?
* How would you keep the students off Facebook and games during class?
* One area is attitude and skills
* Do they like kids?
* How would you connect your curriculum to real world problems and core curriculum ?
* In what ways can your program increase students overall problem solving and critical thinking skills?

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Question # 27

Professional In Charge Computer Science Department Interview Questions:

Answer:-

* How will you ensure that outstanding teaching and learning practice is embedded across your department?
* What strategies would you use to help learners who are underachieving in a) your classes and b) classes taught by other teachers in your department?
* Describe your vision of the ideal weekly department meeting.
* How would you respond to a parent who contacts you to express concern about the teaching of a teacher in your department?
* What are the most important functions in a HOD role and how would you prioritise them?
* What strategies would you use to ensure that the most able students taking your subject excel and are stretched?
* What are your views on centralising all the department resources so that every teacher uses the same resources and sets the same homework / tests?
* If you were to write a "mission statement" for your department, what might it be?
* Here are some possible staff management scenarios:
* You have a teacher in your department approaching retirement who doesn't want to change the way that he/she teaches, but parents and students have complained. How do you respond to parents? How do you broach the subject with the teacher in question?
* You have an NQT in your department to whom you need to act as a mentor. They are struggling with classroom management and maintaining control. How might you support them?
* An internal candidate has also applied for this HOD post, but has not been appointed. How do you get off on the right footing at the start of the new school year?
* Where do you see yourself career-wise in 5 years time?

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Question # 28

Top In Charge Computer Science Department Interview Questions:

Answer:-

* Describe your current line of research and explain its clinical relevance. What aspects of your research are innovative?
* What do you believe is a researcher's obligation for dissemination of results?
* What experience and success have you had in acquiring research grant support?
* What research equipment, personnel, and supply requirements do you have?
* Describe the courses you have taught by summarizing the course content and assignments required.
* Explain how you grade students' written work. How have you handled conflicts with students over grades and assignments?
* How would you handle an episode of academic misconduct?
* Define "integrity" and explain at least two ways that you have demonstrated this trait in your research and teaching.
* How have your prior jobs contributed to your professional skills and attitude?
* Why are you interested in a position at this university?
* What strengths and expertise will you contribute to our department?
* In what ways do you feel you can lend support to your colleagues?
* List three areas of weakness that you wish to improve on.
* How will you be a role model for our students? In your opinion, what personal and professional traits are desirable for mentoring students?

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Question # 29

General In Charge Computer Science Department Interview Questions:

Answer:-

* Can they relate to age group of the students
* Can they communicate?
* Do they like to learn? Are they excited about learning? Are they still actively learning?
* Are they disciplined? With themselves and in the classroom. Can they mange their time?
* Not only can they teach but do they like to teach?
* Do they have high expectations?
* Do they know the tools (Windows, MacOS , IOS, Android)
* Can they program?
* Do they know the software?
* Can they handle large classes
* Is there 1-on-1 coaching
* Can they make a lecture interesting?
* Are they flexible in classroom environment
* Are there self-paced classes and can they work with that?
* What approaches will you bring to the classroom to make this subject matter worth learning?
* Why is Grace Hopper worth knowing about?
* What do you do when you've got a kid who, despite repeated attempts, just doesn't get it?
* What was your favorite part in the movie "The Imitation Game"?
* Are you ready / willing to share your "war stories" with the class, to help humanize the subject?
* In your opinion, how does CS apply to everyone's every day lives?
* What does "rigorous computer science curriculum" mean to you?
* How would you implement a rigorous computer science curriculum while ensuring that students who have no prior computing experience can have a class that is

both rigorous and accessible?
* What are the most important topics to teach the beginning computer science student and why?

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Question # 30

Why teaching instead of industry?

Answer:-

Do I need to say more?

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Question # 31

Explain how do you make sure you meet the needs of a student with an IEP?

Answer:-

An IEP is an "individualized education plan." Students with special needs will be given an IEP, or a list of things that you must do when teaching the child. An IEP might include anything from "additional time for testing" to "needs all test questions read aloud" to "needs to use braille textbook." How do you ensure you're meeting the needs of a student with an IEP? First, read the IEP carefully. If you have questions, consult a special education teacher, counselor, or other staff member who can help you. Then, you just make sure you follow the requirements on the IEP word for word. When necessary, you may be asked to attend a meeting in which you can make suggestions for updating the IEP. Your goal, and the goal of the IEP, is to make sure the student has whatever he or she needs to be successful in your class.

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Question # 32

Tell me how teacher can make teaching effortless?

Answer:-

These can help the teacher to leave his impact and make out maximum of it
* Use a pleasant and normal tone while communicating with the student.
* Start delivering lecture only when student is ready to receive from you
* Try to use non-verbal communication or hand signals, this will help the student to take an interest in what you are saying. Sometimes non-verbal communication says more than your verbal thing
* Address immediately on any unpleasant or unsatisfactory situation with students, always approach student as they need help or have some doubt.
* Bored students are equally harassing as troubled students. Always have an interactive session and well-designed engaging lesson
* Organize the class outside the classroom sometimes like in open ground, it will change the ambience

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Question # 33

Explain me what are the exploratory courses or classes you prefer for a school student and why?

Answer:-

Any exploratory courses or class can be helpful for middle school student to develop their skills
* Arts: Student can express themselves by learning instruments and dance including band, chorus, etc.
* Business Courses: It teaches them typing and enhances their keyboard skills which can be further used in business marketing and computer design
* Foreign languages: Learning a foreign language always add a credit to your skills, and middle school can help the student to get a head start in this
* Physical education and health: Physical activities help students to become stronger and become competitive and also relieves them from stress and boredom

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Question # 34

Do you know what are the skills a school teacher should have or implement to make teaching more effective?

Answer:-

* Provide study material which is compelling and easy to understand
* Try create an ambience where students can help each other
* Allot homework smartly which is a burden less and more meaning full
* Model thinking and not solution or answer oriented
* Provide the feedback immediately and which is more relevant to the task
* Before state testing gets math tutor volunteers once a week for 2 months
* Use story telling method to teach maths to students

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Question # 35

Please explain the pros and cons you see of implementing CCSS (Common Core State Standard)?

Answer:-

Pros
* You can examine the standard by yourself and see whether it gives the desired result
* It helps to know students and teachers consistency at each grade throughout all states
* It helps teachers to collaborate with any school nationwide
* It helps to improve professional development for teachers
* Easy for student to get a grip over the subject while moving to other states
Cons
* Lack of implementation
* Sometimes challenging for students to meet the CCSS standards

Question # 36

Tell us what are the type of qualities would you look for in a principal?

Answer:-

* Having a vision and a clear goal
* Planning and motivating
* Good communication at all levels
* Visibility, consistency and accountability
* Supportive

Question # 37

Tell us what is your view on the implementation of new subject in the curriculum and which subject you would like to include?

Answer:-

* Computers are inevitable in 21st century; a basic computer programming from high school onwards can help students to become a pro by the time they complete their colleges
* Data science engineering is another subject that could be helpful to the student in their near future
* Statistics is like catalyst for data analysis, with little knowledge with statistics they can handle and operate data library in any field

Question # 38

What strategies would you use to attract and retain women and minorities in your program?

Answer:-

If they don't know this is an issue and haven't thought about strategies for it they may not be ready.

Question # 39

Explain what are your thoughts on team-teaching?

Answer:-

I am sure many of you have participated in team-teaching and realize the benefits of this strategy. The interviewer who asks this question wants to discover, if you are flexible, enjoy working in a team environment, have experience in this area, and what your viewpoints are on the subject.
It is always wise to speak about some of the positive aspects of team-teaching, such as:
It is an effective strategy for teaching large groups of students. Encourages teachers to collaborate and generate ideas ... two heads are always better than one! Talk about team-teaching experiences you have had, and the positive results that transpired.
If you haven't had any hands-on experience, you may explain that you enjoy working in a team setting and are excited about the possibility of participating in this approach. OR, maybe you have done some reading on the subject and can share some of the insights you gained with the interviewer ... this will definitely be impressive!
Furthermore, it is vitally important to be honest when answering all questions during the interview. Organizing your thoughts in advance will serve to help you deliver truthful and concise responses, while highlighting the skills you possess that are most compatible with the needs of the school or district.

Question # 40

Tell us what are effective classroom management styles?

Answer:-

Effective classroom management styles include
* Don't attend any parent's- teacher conference, student meeting or discussion until you are clear about the goal
* Don't promise student to do something which you can't able to do
* Understand students all aspects and requirement for class-room
* Ensure that whatever you implement or say should be practically feasible and beneficial for the student

Question # 41

Tell me what are the benefits of extracurricular activities?

Answer:-

Student will learn many things through extracurricular activities
* Learning time management and prioritizing
* Learning about long term commitments
* Motivates them for other careers
* Raise their self-confidence
* Team work and relationship skills
* Making a contribution

Question # 42

Tell me how can you reduce drop out in a school?

Answer:-

To reduce drop out in middle school various steps that should be considered are
* Link student interest with learning
* Provide them appropriate environment for studying like vary classroom format day to day
* Give students few options in topics to study or research, and make an attempt to link the material or topics to everyday life, for example, relate some outdoor activities with maths problem
* Use map, a pictorial diagram, power point presentation and visual image to make topic more comprehensive and less boring
* Teachers should bring belief in their students about how the project or some course can benefit them in their career prospectus
* One to one conversation with students about their liking towards any activities it could be sports, music, painting, etc.

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Question # 43
Please explain your discipline philosophy?

Answer:-

You use lots of positive reinforcement. You are firm, but you don't yell. You have appropriate consequences for inappropriate behavior. You have your classroom rules posted clearly on the walls. You set common routines that students follow. You adhere to the school's discipline guidelines. Also, emphasize that you suspect discipline problems will be minimal because your lessons are very interesting and engaging to students. Don't tell the interviewer that you "send kids to the principal's office" whenever there is a problem. You should be able to handle most discipline problems on your own. Only students who have committed very serious behavior problems should be sent to the office.

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Question # 44
Explain me what teacher must not do?

Answer:-

* Teacher should not humiliate student, especially in front of others
* They should not judge a student on the basis of their academic records and marking
* Teacher should not give low grade to the student due to their personal strife
* Teacher should not ask the student to cover everything on their own, when they miss a class; their assistance is required
* Teacher should not look students grasping power as an equal to his/her, and expect them to learn everything real quick
* Teacher should not teach a lesson as if he/she teaching to himself. He must involve students by taking small breaks in between lessons and ask them if they needed any help
* Teacher should not try to dominant student, in fact; they should remain calm and be at receiving end
* Teacher should not be over-demanding and understand the potential of the fellow student before allotting any task

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Question # 45
Explain me what are the changes you would like to see in student you have taught?

Answer:-

* Active involvement in studying
* Positive approach towards new ideas
* Ready to learn new things
* Clearly making progress in written and oral exams
* High level on involvement in other curriculum activities

Read More Answers.

Question # 46
Tell us what are some of the problems faced by a school?

Answer:-

Some of the problems faced by middle school is
* Insufficient teacher training
* Inappropriate learning environment
* Less involvement of parents
* Emotional stress and other issues

Read More Answers.

Question # 47
Tell us what would be your classroom management structure if you are hired?

Answer:-

The classroom management structure the I would opt for -
* Listening students in one-to-one meeting
* Solving issues among the students
* Try to involve parents in the disciplinary process
* Having student sign a learning contract at the beginning of the year
* Agreeing on a set of classroom rules together as a class

Read More Answers.

Question # 48
I walk into your class..describe to me what's going on and why?

Answer:-

Are they going to fit in with your school? Are they ok with a noisy class? That's my favorite. Or do they favor the sit and get method of teaching?

Question # 49

Tell us do you like kids?

Answer:-

You'd better if you want to do a good job teaching. Kids know if you don't like them and they will not respect you if you don't like them.

Question # 50

Please explain what is co-teaching?

Answer:-

Co-teaching is a new strategy adapted by teachers to teach a particular subject by sharing their responsibility. Co-teaching can be fun for the student learning one subject from two or more people who may have different ways of teaching or thinking.

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