

Agrologist Interview Questions And Answers Guide.



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Agrologist Job Interview Preparation Guide.

Question # 1

Tell me what is soil science?

Answer:-

Soil science is the study of soil as a natural resource on the surface of the Earth including soil formation, classification and mapping; physical, chemical, biological, and fertility properties of soils; and these properties in relation to the use and management of soils.

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Question # 2

What is akadama?

Answer:-

Akadama is a naturally occurring, granular clay-like mineral used as soil for bonsai trees and other container-grown plants. It is surface-mined, immediately sifted and bagged, and supplied in various grades: the deeper-mined grade being somewhat harder and more useful in horticulture than the more shallow-mined grades. Akadama may also act as one component of growing medium when combined with other elements such as sand, composted bark, peat, or crushed lava. Akadama's colour darkens when moist which can help the grower determine when to water a tree.

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Question # 3

What is barren vegetation?

Answer:-

Barren vegetation describes an area of land where plant growth may be sparse, stunted, and/or contain limited biodiversity. Environmental conditions such as toxic or infertile soil, high winds, coastal salt-spray and climatic conditions are often key factors in poor plant growth and development. Barren vegetation can be categorized depending on the climate, geology and the geographic location of a specific area. Pine Barrens, coastal barrens and serpentine barrens are some of the more distinct ecoregions for barren vegetation and are the most commonly researched by scientists. Often referred to as "heathlands", barrens can be excellent environments for unique biological diversity and taxonomic compositions.

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Question # 4

What is hardpan?

Answer:-

In soil science, agriculture and gardening, hardpan or oukrip is a dense layer of soil, usually found below the uppermost topsoil layer. There are different types of hardpan, all sharing the general characteristic of being a distinct soil layer that is largely impervious to water. Some hardpans are formed by deposits in the soil that fuse and bind the soil particles. These deposits can range from dissolved silica to matrices formed from iron oxides and calcium carbonate. Others are man-made, such as hardpan formed by compaction from repeated plowing, particularly with moldboard plows, or by heavy traffic or pollution.

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Question # 5

What is Acrisol?

Answer:-

An Acrisol is a type of soil as classified by the Food and Agriculture Organization. It is clay-rich, and is associated with humid, tropical climates, such as those found in Brazil, and often supports forested areas. It is one of the 30 major soil groups of the World Reference Base for Soil Resources. Acrisols correspond to the aquult, humults, udults and ustults sub-orders of Ultisols in the USDA soil taxonomy and also to oxisols with a candic horizons and some Alfisols. The Acrisols low fertility and toxic amounts of aluminium pose limitations to its agricultural use, favouring in many places its use for silviculture, low intensity pasture and protected areas. Crops that can be successfully cultivated, if climate allows, include tea, rubber tree, oil palm, coffee and sugar cane.

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Question # 6

What is bama (soil)?



Answer:-

The Professional Soil Classifiers Association of Alabama adopted a resolution at its 1996 annual meeting recommending the Bama Soil Series as the state soil. The association is composed of a group of soil classifiers representing the Alabama Cooperative Extension System, the Alabama Agricultural Experiment Station, the USDA-Natural Resources Conservation Service, the Alabama A&M University, private soil consultants, the Board of Registration for Professional Soil Classifiers, and the Alabama Department of Public Health. The Alabama Soil and Water Conservation Committee and the Alabama Association of Conservation Districts also joined in recommending the Bama Soil Series as the official State Soil. The Bama series was designated the official state soil by the Alabama Legislature on April 22, 1997.

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Question # 7

What is acid sulfate soil?

Answer:-

Acid sulfate soils are naturally occurring soils, sediments or organic substrates (e.g. peat) that are formed under waterlogged conditions. These soils contain iron sulfide minerals (predominantly as the mineral pyrite) or their oxidation products. In an undisturbed state below the water table, acid sulfate soils are benign. However, if the soils are drained, excavated or exposed to air by a lowering of the water table, the sulfides react with oxygen to form sulfuric acid.

[Read More Answers.](#)

Question # 8

Tell me what makes a good team player?

Answer:-

Many people say in their CV that they are good at working cooperatively or are team players, but few say what this actually means. Think about examples from your past that demonstrate your ability to build bridges, form networks or simply get on with people. This needn't be from your professional life. You could cite any examples from clubs or organisations to which you belong.

Answering this question well is especially important for people who want to be team leaders or to manage a department.

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Question # 9

Why should I consider hiring you as Agrologist?

Answer:-

If you are highly qualified for the job you are applying for, then you should point this out, but don't forget that other people being interviewed may match or exceed your suitability. In such cases, focus on what else you can bring to the job, perhaps with your soft skill set, like being able to integrate well with existing members of the team, for instance.

Don't give up on an interview if you're not fully qualified for the job. Appeal to the interviewer's desire to hire someone with drive. If you are not the finished article, then point out how keen you are to learn and be mentored. Accentuate the positive aspects of what you can do now and how quickly you will be able to progress with what you don't know if hired.

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Question # 10

What is active layer?

Answer:-

In environments containing permafrost, the active layer is the top layer of soil that thaws during the summer and freezes again during the autumn. In all climates, whether they contain permafrost or not, the temperature in the lower levels of the soil will remain more stable than that at the surface, where the influence of the ambient temperature is greatest. This means that, over many years, the influence of cooling in winter and heating in summer will decrease as depth increases.

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Question # 11

What is edaphic?

Answer:-

Edaphic is a nature related to soil. Edaphic qualities may characterize the soil itself, including drainage, texture, or chemical properties such as soil pH. Edaphic may also characterize organisms, such as plant communities, where it specifies their relationships with soil. Edaphic endemics are plants or animals endemic to areas of a specific soil type.

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Question # 12

What is lahar?

Answer:-

A lahar is a type of mudflow or debris flow composed of a slurry of pyroclastic material, rocky debris, and water. The material flows down from a volcano, typically along a river valley.

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Question # 13

Basic Top 30 Agrologist Job Interview Questions:

Answer:-

* At AGROLOGY we put safety first when it comes to our employees and the handling of our products. How important is safety to you?

* In the chemical industry there is always potential for dangerous spills and exposure to toxic chemicals. Are you willing to work in an industry that poses this type of risk?



Agrologist Interview Questions And Answers

- * In your chemicals career have you ever experienced a chemical related emergency such as a spill or injured co-worker due to exposure?
- * At AGROLOGY we take every step possible to be a leader in our industry. In your opinion, who are our competitors and what sets us apart from them?
- * Tell me about any safety related training you have received when it comes to the handling of chemicals and other toxic substances.
- * Do you have experience when it comes to appropriate shipping and handling of chemicals and other potentially toxic products?
- * In your opinion, what do you think has been the biggest change in the chemicals industry in the past 10 years?
- * At AGROLOGY we try to hire individuals dedicated to their own professional development. If you could take any related coursework, what would you choose?
- * At AGROLOGY we try to hire people who want to stay with us long term. What are your long term career plans and how do we fit into your plans?
- * What do you know about the workplace culture here at AGROLOGY?
- * If you were hired today, what would you accomplish first?
- * What accomplishment do you believe was the most difficult for you to achieve?
- * When have you faced an unexpected difficulty?
- * When have you had to shift your priorities in response to sudden changes?
- * Describe a major change that occurred in a job that you held. How did you adapt to this change?
- * What did you like best about your last job? What did you like least?
- * Why is this job right for you at this time in your career?
- * How do you handle conflict in the workplace?
- * Rate your communication skills from 1-10 with proper examples backing your given rating.
- * What work situations excite and motivate you?
- * How did you bring value to your last position?
- * When have you used an inventive method to stretch company resources beyond the normal level?
- * Tell me about a time when you took the initiative to improve work related procedures.
- * How would your co-workers describe your attention to detail?
- * We are asking for 8 years of industry experience and you have just 5. Why do you think you are qualified for this position?
- * List the top 3 skills that you have acquired in your last role.
- * Tell me when you have delegated tasks effectively.
- * How do you respond to feedback?
- * What is your current salary?
- * What are your salary expectations?

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Question # 14

Group based Agrologist interview questions:

Answer:-

- * What do you do when priorities change quickly?
- * How would you describe your presentation style?
- * Give an example of risk that you had to take. Why did you decide to take the risk?
- * Does a leader need power or authority? How do you influence people?
- * What is your biggest regret and why?
- * Specific example of a time when criticised your work.
- * What do you see yourself doing within the first days as Agrologist?

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Question # 15

Panel based Agrologist interview questions:

Answer:-

- * What have you done to support diversity in your unit?
- * What parts of your education do you see as relevant to this Agrologist position?
- * What are you most proud of?
- * What has been your most successful Agrologist experience in speech making?
- * Time when you have encountered conflict in the workplace.
- * What percentage of your time is spent doing each function?
- * What would you say are your strong points?

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Question # 16

Behavioral Agrologist interview questions:

Answer:-

- * What can you offer us?
- * What is your customer service philosophy?
- * What subjects gave you the most trouble?
- * What was your most interesting job or project?
- * What have you learned from participation in extracurricular activities?
- * What steps have you taken in the last few years to develop your skills?
- * Who do you contact and communicate with on a regular basis and for what purpose?

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Question # 17

Phone based Agrologist interview questions:

Answer:-

- * Tell me about a tricky situation for which you found a very simple solution?
- * Why is continuous improvement necessary?
- * In what ways is your degree relevant to the work you are now doing?
- * Tell me about a time when you disagreed with your boss.



- * Why have you been unemployed for all this time?
- * What social obligations go along with a job in this field?
- * What is a suggestion you've made at work that was implemented?

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Question # 18

General Agrologist interview questions:

Answer:-

- * What kind of decisions are most difficult for you to make?
- * Are you willing to spend at least six months as a trainee?
- * How do you spend your time when you are not working?
- * How would you describe your current boss?
- * Do you prefer working with others or alone?
- * What can you tell us about our company?
- * What do you plan to earn five and ten years from now?

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Question # 19

Difficult Agrologist interview questions:

Answer:-

- * Describe a difficult problem you have had to deal with.
- * What job have you held that is the least relevant to the job you are applying for?
- * What would your previous supervisor say your strongest point is?
- * What has been the most rewarding university experience?
- * What are some things that you may change in the near future about your style of working?
- * How do you define arrogance? Are you arrogant?
- * What do you plan to earn five and ten years from now?

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Question # 20

Fresh Agrologist Job Interview Questions:

Answer:-

- * How frequently will your fields be scouted?
- * How will fields be scouted - individually or as groups?
- * Will fields be scouted by walking or will a quad be used; what type of pattern will be used to do a thorough job of inspecting the field?
- * Will summer staff be used for field scouting or will the agronomist do all field scouting individually?
- * How much time would be spent inspecting each field at each visit?
- * Will the agronomist be flexible to meet with you after fields are inspected?
- * Will the agronomist provide verbal reports immediately after field inspection or will results be communicated by dropping off paper reports, sending text messages or e-mail during the growing season?
- * Will the agronomist take time to show you soil or crop problems in the field?
- * Does the agronomist soil sample all your fields and pay for soil analysis? If so, when are fields sampled, how many samples per field, what depths are sampled, which lab does the analysis and does the agronomist develop fertilizer recommendations for you?
- * Will the agronomist look after manure samples for analysis and recommendations?
- * In the off-season, will the agronomist meet with you to provide advice and assistance in planning crop rotations, crop variety selection, review soil test reports and develop fertilizer management plans and seeding plans?

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Question # 21

Basic Agrologist Job Interview Questions:

Answer:-

- * How many other clients or acres are served? Are they in your local area?
- * Will the agronomist have the time to meet your field inspection needs and personal one-on-one discussion requirements?
- * Does the agronomist act kindly and professionally?
- * Is the agronomist well organized and neat in appearance?
- * Check out the agronomist's vehicle - is it well organized with various tools and equipment needed (shovel, trowel, soil sampler, sample bags for soils and plant tissue samples, information booklets and reference manuals)?
- * How does each agronomist handle your questions?
- * Do you find it easy to talk with the agronomist?
- * Does the agronomist explain things clearly, fluently and in plain language that you can understand?
- * Do you feel a good rapport can be developed with very good communication?

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Question # 22

Tell me what weaknesses do you have as Agrologist?

Answer:-

Never say that you have no weaknesses. Everyone who does this comes across like they have simply not prepared for the interview. Likewise, avoid giving yourself a back-handed compliment, such as, 'I work too hard.'
Remember that being able to identify a weakness is a strength. Focus on an area of your work that needs to be improved. You might have been trained in something that you'd like to take to the next level, for example. Point out that this is a weakness, but something you have identified and are focusing on resolving. Interviewers want to understand that you have the ability to be honest about yourself and to seek self-improvement.



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Question # 23

Tell me is there anything that you would like to ask me?

Answer:-

Always have at least one question prepared in advance. This is your chance to drill down into an area of the business that might not have been covered in the interview. Alternatively, you may simply like to ask for feedback on how you have done in the interview.

A good tip is to pick up on something that has been mentioned in passing by the interviewer about the job. Ask him or her to expand on this. Not only does it make you appear interested, but it shows that you have been listening attentively to what has been said. It should leave the interviewer with a good final impression of you.

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Question # 24

Study of internal structure of organism is called :

- A. Anatomy
- B. Agrology
- C. Agrostology
- D. Agronomy

Answer:-

A. Anatomy

Agrostology - Study of grass

Agronomy - Science of soil management and production of crop.

Agrology - Soil science dealing with production of crop.

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Question # 25

What is kalkaska sand?

Answer:-

Kalkaska sand is the official soil of the U.S. state of Michigan.

Kalkaska sand was identified in 1927 and named after Kalkaska County located in the northern Lower Peninsula of Michigan. This soil is a multi-layer soil composed of humus, light sand, dark sand, and yellowish sand. It is classified as a spodosol. The distinctive sand layers can range from black to yellowish-brown and are commonly 2 to 4 feet (0.6 to 1.2 m) deep. Kalkaska sand is well-drained and effectively filters water. This makes it a valuable asset in forestry and certain types of agriculture. It is also largely responsible for the remarkable water quality of lakes and rivers located in areas of the state where these soils are abundant.

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Question # 26

What is agrology?

Answer:-

Agrology is the branch of soil science dealing with the production of crops. The use of the term is most active in Canada. Use of the term outside Canada is sporadic but significant. The term appears especially well established in Russia and China, with agrologists on university faculty lists and agrology curricula.

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Question # 27

What is baer-Babinet law?

Answer:-

The Baer-Babinet law is a concept in geography which states that the process of formation of rivers is influenced by the rotation of the earth. According to the hypothesis, because of the rotation of the earth, erosion occurs mostly on the right banks of rivers in the Northern Hemisphere, and in the Southern Hemisphere on the left banks

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Question # 28

Immobilization (soil science)?

Answer:-

Immobilization in soil science is the conversion of inorganic compounds to organic compounds by micro-organisms or plants, by which it is prevented from being accessible to plants. Immobilization is the opposite of mineralization.

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Question # 29

Tell me why do you want to work here as Agrologist?

Answer:-

This is your chance to show that you have researched the company you are applying to work with. Avoid saying anything negative about your current employer which makes it seem you are simply after any job at all.

Typical things you might say are that the company operates in your chosen sector, that it provides a clearly structured career path and that the organisation has a good reputation. Don't simply trot these ideas out, though. Do your research!

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Question # 30

What motivates you as Agrologist?

Answer:-

Motivation is personal, so there is no wrong answer that you can give. It might be down to your desire to succeed and build a career, but it might also be because you want to provide for your family - both perfectly good answers if you choose to give them. In some professions, caring or vocational motivations might be worth mentioning, too.

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Question # 31

Explain me soil science society glossaries?

Answer:-

Two national member societies (Canadian, American) of the International Union of Soil Sciences (IUSS) maintain and publish glossaries of scientific terms. Other soil science societies defer to the American glossary. The term agrology is not in use. Edaphology or crop edaphology in combination with soil management would be the preferred approach used by soil scientists to concisely describe soil science as it applies to crop production.

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Question # 32

What is albeluvisols?

Answer:-

An albeluvisol in the FAO World Reference Base for Soil Resources is a soil with a thin, dark surface horizon on a bleached subsurface horizon that tongues into a clay illuviation horizon. The Bt horizon has an irregular or broken upper boundary resulting from the tonguing of bleached soil material into the illuviation horizon. Albeluvisols correlate with Glossaqualfs, Glossocryalfs and Glossudalfs in the USDA soil taxonomy.

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Question # 33

What is frost line?

Answer:-

The frost line-also known as frost depth or freezing depth-is most commonly the depth to which the groundwater in soil is expected to freeze. The frost depth depends on the climatic conditions of an area, the heat transfer properties of the soil and adjacent materials, and on nearby heat sources. For example, snow cover and asphalt insulate the ground and homes can heat the ground (see also heat island). The line varies by latitude, it is deeper closer to the poles. Per Federal Highway Administration Publication Number FHWA-HRT-08-057, the maximum frost depth observed in the contiguous United States ranges from zero to about eight feet (2.4m). Below that depth, the temperature varies, but is always above 0 .C (32 .F).

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Question # 34

What is your salary expectation as Agrologist?

Answer:-

This is one of the most troublesome questions for many interviewees. For some people, however, it causes no bother at all. It will depend on your personality as to how you feel talking about salary expectations. That said, there are some tips to help you deal with the question. Firstly, it is okay to talk about pay in terms of ranges and not to be specific about a particular number. It is also okay to include other benefits, like healthcare, pensions and time off within the context of salary. Make sure you have looked at other, similar jobs being advertised in other organisations so that you have an idea of the pay rate in the market.

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Question # 35

What is jory (soil)?

Answer:-

The Jory series consists of very deep, well-drained soils that formed in colluvium derived from basic igneous rock. These soils are in the foothills surrounding the Willamette Valley of the United States. They have been mapped on more than 300,000 acres in western Oregon. They are named after Jory Hill, Marion County, Oregon, which itself is named for the Jory family, who settled in the area in 1852, after traveling along the Oregon Trail.

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Question # 36

Can you list your strengths as Agrologist?

Answer:-

An exhaustive list of adjectives, such as 'capable', 'hard-working' or 'diligent', won't really portray you well because anyone can make such claims about themselves. Instead, think about three things that you do well and give concrete examples.

If you are a strong organiser, for example, then talk about a project that you coordinated, or a new procedure that you formulated. If you are good with numbers, then talk about your skills with spreadsheets or financial matters.

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Question # 37

What is agricultural soil science?

Answer:-

Agricultural soil science is a branch of soil science that deals with the study of edaphic conditions as they relate to the production of food and fiber. In this context, it



is also a constituent of the field of agronomy and is thus also described as soil agronomy.

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Question # 38

What is base-richness?

Answer:-

Base-richness in ecology is the level in water or soil of chemical bases, such as calcium or magnesium ions. Many organisms are restricted to base-rich environments. Chemical bases are alkalis, and so base-rich environments are neutral or alkaline. Because base-poor environments have few bases, they are dominated by environmental acids and so are acidic. However, the relationship between base-richness and acidity is not a rigid one - changes in the levels of acids (such as dissolved carbon dioxide) may significantly change acidity without affecting base-richness.

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Question # 39

What is alkali soil?

Answer:-

Alkali, or alkaline, soils are clay soils with high pH (> 8.5), a poor soil structure and a low infiltration capacity. Often they have a hard calcareous layer at 0.5 to 1 metre depth. Alkali soils owe their unfavorable physico-chemical properties mainly to the dominating presence of sodium carbonate, which causes the soil to swell and difficult to clarify/settle. They derive their name from the alkali metal group of elements, to which sodium belongs, and which can induce basicity. Sometimes these soils are also referred to as alkaline sodic soils.

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Question # 40

What is gelisol?

Answer:-

Gelisols are an order in USDA soil taxonomy. They are soils of very cold climates which are defined as containing permafrost within two meters of the soil surface. The word "gelisol" comes from the Latin gelare meaning "to freeze", a reference to the process of cryoturbation that occurs from the alternating thawing and freezing characteristic of gelisols.

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Question # 41

What is darcy (unit)?

Answer:-

A darcy (or darcy unit) and millidarcy (md or mD) are units of permeability, named after Henry Darcy. They are not SI units, but they are widely used in petroleum engineering and geology. Like some other measures of permeability, a darcy has dimensional units in length².

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Question # 42

Now please tell us about yourself?

Answer:-

Talk about yourself in summary and avoid rambling. Your detailed work history can be found on your CV, after all, so focus on elements that you want to highlight rather than going through everything.

It is okay to discuss your personality and what ambitions you have. Ideally, you will give the interviewer a positive insight into how you would fit in as an employee.

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Question # 43

Where do you see yourself five years from now as Agrologist?

Answer:-

This is your chance to talk about your wider ambitions and goals. It is okay to say you'd like to progress on from the position on offer in most cases. Bosses want to hire people with determination so don't be shy about sounding ambitious or hungry for success. Ideally, try to contextualise your ambitions within the organisation that you are applying to join because this tends to go down better.

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