

# Terms and Conditions of The Code Completion Context Collection Optimization Challenge

## NO PURCHASE IS NECESSARY TO PARTICIPATE IN THIS CHALLENGE

By participating, all participants in the Code Completion Context Collection Optimization Challenge (the "**Challenge**") agree to the following terms and conditions:

1. **ORGANIZER:** JetBrains s.r.o., Na Hřebenech II 1718/8, Prague 4, 14700, Czech Republic.
2. **SCHEDULE:**
  - a. The Challenge begins at 12:01 a.m. on June 2, 2025, and ends at 11:59 p.m. on August 18, 2025.
  - b. The winners will be announced on August 18, 2025, and each winner will be notified by email or via <https://jb.gg/co4>.
  - c. Entries submitted before the start date or after the end date will not be considered.
3. **ELIGIBILITY:**
  - a. The Challenge is open to individuals who are 16 years of age or older. Participants who are minors in their country of residence may participate only with the prior consent of their parent or legal guardian, where required by applicable law. It is void where prohibited by applicable law. Limit one entry per person for each track. Proof of sending or submission will not be deemed proof of receipt by JetBrains. The following categories of people are NOT eligible to enter the Challenge:
    - i. Employees, or their family members or close associates, of JetBrains s.r.o. or its subsidiaries, affiliates, or resellers.
4. **NATURE OF THE CHALLENGE AND SELECTION OF WINNERS**
  - a. **Goal.** The goal of the Challenge is to devise strategies for collecting context for code completion with large language models, aiming to maximise the quality of the resulting completions. The Challenge is divided into two tracks based on programming language: Python and Kotlin. Participants may submit entries to one or both tracks, but each submission will be evaluated independently within its respective category.
  - b. **Platform.** The Challenge is hosted on the EvalAI platform, available via <https://jb.gg/co4>, which will be used for submission handling, automated evaluation, and leaderboard management.
  - c. **Teams.** To participate in the Challenge, individuals must register at the EvalAI platform and join the Challenge. Participants may enter the Challenge either individually or as part of a team consisting of up to 5 members. To form the team, participants must create a team account and use it to participate in the Challenge. Each participant may either compete individually or be part of one team only—participation in multiple teams is not allowed. In the remainder of these Terms and Conditions, the term "**Team**" shall refer to both a group of participants and an individual participant acting alone (i.e., a Team of one).
  - d. **Evaluation Procedure.** Throughout the duration of the Challenge, Teams will work with data provided by JetBrains. The data is divided into three parts: a

practice set, a public test set, and a private test set. The procedure outlined below explains how these sets are used throughout the Challenge:

- i. Each Team is required to submit a set of collected contexts for every completion point. The submission must not include the actual outputs generated by any language model but only the contextual input prepared for inference.
  - ii. Upon submission, the Challenge platform automatically transforms each provided context into a model-specific prompt tailored to the three designated models.
  - iii. The platform then queries each model with the corresponding prompts, collects the generated completions, evaluates them, and computes the average score across the three models.
  - iv. These scores are displayed on the platform's leaderboard as part of the public test evaluation.
  - v. At the end of the Challenge, JetBrains will review the ten top-performing solutions from the leaderboard and rerun them on a separate, previously unseen held-out dataset (the private test set) in an environment with no access to the Internet or third-party API providers, to determine the final three winner Teams.
- e. **Evaluation Method.** To ensure a fair and rigorous assessment of submissions, the **chrF** metric will serve as the primary evaluation criterion throughout the Challenge, as it effectively evaluates code completion quality based on its principles of interpretability and robustness.

The chrF score is calculated using the following formula:

$$\mathbf{chrF} = 2 \cdot (\mathbf{chrP} \cdot \mathbf{chrR}) / (\mathbf{chrP} + \mathbf{chrR}),$$

where **chrP** (*character precision*) is the percentage of character-level  $n$ -grams in the suggested completion that also appear in the ground-truth completion, and **chrR** (*character recall*) is the percentage of character-level  $n$ -grams in the ground-truth completion that are also found in the suggested completion.

This metric will be applied uniformly across all stages of the Challenge, including the leaderboard scoring phase (*public test*) and the final evaluation phase (*private test*).

- f. **ASE 2025.** Selected winning Teams will be invited to present their solutions at a dedicated workshop held in conjunction with the [2025 ACM/IEEE International Conference on Automated Software Engineering \(ASE 2025\)](#) (the “**Conference**”). The workshop will serve as a venue for participants to showcase their approaches, exchange insights, and engage in discussions on broader challenges in large language model-driven code completion and development tools.
- g. **Intellectual Property.** All materials, data, tools, and other content made available to participants as a part of the Challenge are the property of JetBrains, its affiliates, or partners. This content may be protected by copyright, trademark, and other intellectual property laws. Unless JetBrains gives participants permission, they may not copy, share, modify, download, upload, publish or use any of this content for any purpose other than participation in the Challenge. By participating in the Challenge, participants confirm that:
- i. they own all rights to the content they submit, and

- ii. their submissions do not infringe upon the rights of others, including but not limited to copyright, trademark, patent, privacy, or publicity rights.

By submitting any materials or work results, participants grant JetBrains a free, non-exclusive, worldwide, transferable, perpetual, and irrevocable license to use the submitted content in any way, including the right to copy, display, adapt, modify, distribute, publish, or create derivative works, in any medium.

Participants also acknowledge and agree that:

- iii. they will not receive any compensation or payment for their submitted content,
- iv. they do not expect their submissions to remain confidential,
- v. JetBrains may display participant submissions alongside advertisements or promotional materials.

- 5. **PRIZES:** The Challenge includes two categories of prizes, in addition to certificates of winning or attendance, as described below:

- a. **Monetary Prizes.** The total prize pool amounts to \$12,000 (i.e., \$6,000 per track) and registration fees for the selected Team representatives.

- i. **Cash prizes** will be granted to the top three ranked Teams in each of the two tracks:

- 1. 1st Place: \$3,000
      - 2. 2nd Place: \$2,000
      - 3. 3rd Place: \$1,000

- ii. **Conference registration fee.** In addition, JetBrains will cover the Conference registration fee for one representative of each of the top three Teams, appointed by the Team who present their solution during the workshop session. The registration fee will be paid directly to the Conference organizer.

- b. **JetBrains Product Licenses**

Each member of the three winning Teams will be granted a one-year license for the **JetBrains All Products Pack**, which includes 12 IDEs, 3 extensions, and 2 profilers. The retail price of this license is \$289 for individual use. The stated retail price corresponds to the official list price in effect on the date of issuance of these Terms and Conditions. JetBrains reserves the right to modify the retail price at any time and at its sole discretion, without prior notice.

- c. JetBrains may, at its sole discretion, allow its partners to contribute additional Prizes to the Challenge. These partner-provided prizes will be opt-in, meaning that Teams may choose whether or not to accept such Prizes. Participation in the Challenge does not obligate any Team to accept partner-sponsored awards.

- d. As a condition to being awarded a Prize, a Prize winner must fulfill the following obligations:

- i. Submit their solution as a functioning container image to JetBrains for review during the private test evaluation phase.
    - ii. Maintain communication with JetBrains representatives, in order to support the execution of their solution in the event of technical issues.
    - iii. Attend and present their solution at the dedicated workshop held during the Conference.

- e. All winners will be notified that they have received a prize unless they are found to have violated these Terms and Conditions.

## 6. TERMS OF PRIZE AWARDS:

- a. All awards of prizes are subject to these Terms and Conditions. All prize values (cash prizes and licenses) are in US dollars. Prizes (other than cash prizes) cannot be redeemed for cash. All the prizes cannot be transferred, assigned or substituted, except that JetBrains reserves the right to change or replace the prize at any time in its sole discretion with prize(s) of greater or comparable value. JetBrains reserves the right to cancel this Challenge at any time without notice or obligation. The reporting and payment of all applicable taxes, fees, surcharges, or governmental duties of any kind arising out of or related to acceptance or use of a prize are the sole responsibility of the winner of that prize. JetBrains reserves the right to retain any tax withholdings applicable under the relevant legislation. JetBrains shall not be held responsible for the availability, quality, or fulfillment of any prizes granted by entities other than JetBrains acting as the organizer.
  - b. Each winner may be required to sign and return an affidavit of eligibility, a signed copy of these Terms and Conditions, documents required under relevant tax legislation, and/or a liability/publicity release (except where prohibited by law), and shall provide any additional information required by JetBrains. Failure to provide, or any delay in providing, such requested information or documentation may result in disqualification. The return of any prize or prize notification as undeliverable or repeated inability by JetBrains to contact a potential winner using the means of contact provided may result in disqualification and the selection of a different winner.
  - c. The prize award is open only to the winners, provided that those are not subject to comprehensive EU, U.S. or U.N. sanctions and export control restrictions, or based in the export sensitive locations such as North Korea, Iran, Cuba, Syria, Russian Federation, Belarus, the Crimea region, territories of the so-called entities of the Donetsk and Luhansk People's Republics or non-government-controlled areas of the oblasts of Ukraine – such as the Kherson and Zaporozhye oblasts.
- 7. **WINNER NOTIFICATION:** Prizewinners will be notified on August 18, 2025, via email or via <https://jb.gg/co4>. A winners' list will also be posted on JetBrains' website and may be publicised by other means at its discretion. Any party submitting an entry and entering the Challenge agrees to these terms and grants JetBrains permission to publish the winner's handle in any medium such as JetBrains' social media channels, including Reddit, X, Facebook, and LinkedIn.
- 8. **MISCELLANEOUS:**
  - a. JetBrains may discontinue, cancel, or reschedule the Challenge for any reason or no reason, in its sole discretion. Any entries determined to violate these terms and conditions shall be void. Persons who tamper with or abuse any aspect of this Challenge (such as, by way of example but not limitation, using more than one account to endeavor to garner more than one prize), as solely determined by JetBrains, will be disqualified and their eligibility terminated. Should any portion of the Challenge be, in JetBrains' sole opinion, compromised by causes which, in the sole opinion of JetBrains, corrupt or impair the administration, security, fairness or proper play of the Challenge, or submission of entries, JetBrains reserves the right at its sole discretion to suspend, modify or terminate the Challenge.

- b. If JetBrains is prevented or hindered in any way in its administration of the Challenge or its ability to deliver the prize(s) to the prizewinner(s), it may, in its sole discretion, stop the Challenge and recommence it at another time under the same conditions, or select another winner.
- c. JetBrains is not responsible for any incorrect or inaccurate information, or for any of the equipment or programming associated with or utilized in this Challenge, or for any technical error that may occur during the administration of this Challenge. JetBrains assumes no responsibility for any error, omission, interruption, deletion, defect, delay in operation or transmission, communications line failure, or theft, destruction, or unauthorized access to, or alteration of, any submissions.
- d. PARTICIPANTS ENTER THE CHALLENGE AT THEIR OWN RISK. JETBRAINS HEREBY DISCLAIMS ANY AND ALL WARRANTIES, EXPRESS, IMPLIED, STATUTORY, OR OTHERWISE, WITH RESPECT TO THE CHALLENGE. IT SHALL NOT BE LIABLE FOR ANY DIRECT OR INDIRECT DAMAGES ARISING OUT OF OR RELATED TO PARTICIPATION OR INABILITY TO PARTICIPATE IN THE CHALLENGE. JetBrains assumes no responsibility for any computer, online, or telephone transmission or technical malfunctions that may occur during participation in the Challenge. It is not responsible for any incorrect or inaccurate information, whether arising from website users, Challenge participants, or any of the equipment or programming associated with or utilized in the Challenge, or for any technical or human error which may occur in the processing of Challenge submissions. JetBrains assumes no responsibility for any error, interruption, defect, or delay in operation or transmission, failures or technical malfunction of the internet, or any telephone networks or lines, computer online systems, servers, computer hardware, software, or email service providers. It is not responsible for any injury or damage to participants or to any computer related to or resulting from participating or downloading materials in this Challenge (if applicable). Some jurisdictions may not allow certain limitations on liability and so the foregoing limitations may not apply to every participant.
- e. To the extent permitted by the law, JetBrains will not be liable for any injury, damages, expenses, or loss whatsoever (whether direct or inconsequential) to persons or property because of any person entering the Challenge or accepting or using any prize, including, without limitation, non-receipt of any prize or damage to any prize in transit.
- f. The Challenge and these terms and conditions are governed by the laws of the State of New York; by entering the Challenge, participants agree that these laws are applicable to them, and all participants agree to personal jurisdiction and venue therein.
- g. These terms and conditions constitute the final, complete, and exclusive understanding between JetBrains and any entrant with respect to the entrant's participation in the Challenge, and supersede any prior or contemporaneous representations, rules, or agreements, whether written or oral. JetBrains reserves the right to amend these Terms and Conditions at any time, at its sole discretion, by publishing the updated version on the website.
- h. In the event of any disputes regarding the Challenge, including eligibility, conduct, or prize awards, the decision of JetBrains shall be final and binding. JetBrains reserves the right to interpret these Terms and Conditions at its sole discretion.

9. **PRIVACY NOTICE:** To participate in the Challenge, the processing of personal data is necessary, and the following data will be processed for each participant: name/ nickname, surname, e-mail address, delivery address of the winner (if applicable) for a period of three months after the end of the Challenge. For more information on the processing of personal data, please click here: <https://www.jetbrains.com/legal/docs/privacy/privacy/>.