

GuaranTick - Maximize Benefits through Observation

In crafts there have always been three ranks in use: apprentice, journeyman and master. Apprentices became journeymen once they passed the Journeyman Test. Journeymen were required to work with a master and produce a masterpiece. A master craftsman was by no means fully learned, but only masters had the right to become members of a professional guild. **GuaranTick** follows this age-old tradition.

Tick-the-Code checking method, like all quality activities, produces best results when used regularly and often enough. Achieving this requires usually a fundamental change in a trainee. The three steps of **GuaranTick** ensure the change.

1. DayTick training (from software developer to **Tick-the-Code** apprentice)

The **DayTick** training turns software designers into **Tick-the-Code** apprentices.

The apprentices can check source code even weekly, and they are expected to understand the special position of quality and maintainability in software development. After the training it is expected that apprentices use the checking method often. The **Tick-the-Code** Forum and the head trainer Hiltunen are available to help with problems.

2. Journeyman Test (from apprentice to journeyman)

The **Journeyman Test** takes place about 4 to 6 months after the training. The measurement data from all the tick sessions of the apprentice during the time period are collected and reviewed. The performance of the apprentice is controlled in a structured personal interview. If the interviews uncover problems, personal coaching is given and possible misunderstandings are rectified.

The apprentice becomes a journeyman if she fulfills the journeyman criteria.

3. Masterpiece (from journeyman to master)

About a year after the training, the journeymen are expected to deliver a **Masterpiece**. The **Masterpiece** is a collection of all ticking sessions, where the apprentice and later the journeyman acted either as a checker or an author. The goal is to check that the journeyman has truly aimed for weekly ticking. Structured personal interviews collect the experiences of the journeyman time. Interesting answers are guaranteed to questions like: How does ticking feel now when the start euphoria has for sure subsided? Do you still find complexity and improvements by ticking? Has ticking taught you anything? Is there need to improve on the rules? Do you write better code now than before?

The journeymen fulfilling masterpiece criteria become masters and are appropriately honored.

The masterpiece interviews and data form a final report on the success of the training investment. The return on the training investment is maximized by ensuring the regular and frequent use of the checking method.

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- i. **DayTick** - Become a **Tick-the-Code** Apprentice
- ii. **Journeyman Test** - from Apprentice to Journeyman
- iii. **Masterpiece** - from Journeyman to Master