

TranslateWorker

September 4, 2026

TranslateWorker

Kind: Class

Source: `atloria-monorepo/apps/api/src/l10n/translate.worker.ts`

TranslateWorker — consumer of the 'l10n-translate' queue (B6).

One job = one (document, targetLanguage) variant: build the directive-preserving prompt

(with the project glossary), call the doc-automation AI provider

(AZURE_GPT52_PROVIDER —

the same gpt-5.6-terra deployment the generation pipeline uses), then ENFORCE the contract:

the result only auto-publishes when every protected segment (directives, code fences) survived verbatim. A violating result is saved as a DRAFT for human review — a broken page

must never reach readers on the say-so of a model.

Kill-switch: `L10N_TRANSLATE_WORKER === 'false'` disables processing (enqueue-only pods).

Default ON — translate jobs are independent per variant and idempotent (upsert), so concurrent processing across api replicas is safe.

Implements: `OnModuleInit`, `OnModuleDestroy`

Methods

Method	Signature	Returns
<code>onModuleInit</code>	<code>onModuleInit()</code>	<code>void</code>
<code>process</code>	<code>`process(job: Job</code>	<code>{ data: TranslateJob }`</code>

```
outcome: 'published' | 'draft-needs-review' | 'skipped';
```

```
reason?: string;
```

```
}> | | onModuleDestroy | onModuleDestroy() | Promise` |
```

Where it refuses work

- `TranslateWorker` stops the work with `Error` when `!this.aiProvider` — “AI provider unavailable (AZURE_GPT52_PROVIDER not configured)”.
- `TranslateWorker` stops the work with `Error` when `!parsed.content.trim()` — “model returned empty translation”.
- `TranslateWorker` stops the work with an early return when `!pair.source.content?.trim()` .
- `TranslateWorker` stops the work with an early return when `pair.source.language === language` .
- `TranslateWorker` stops the work with an early return when `pair.variant && !pair.variant.machineTranslated` .

Referenced By

- `L10nModule` (`MODULE_PROVIDES`)