



Crash Course into TypeScript for Content from Headless CMS

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Workshop Timeline

- Import content into new project
- Showcase of content and Next.js implementation
- Generate TypeScript models from content types
- Fetch content in Next.js
- Resolve rich text fields into React components
- Deployment pipelines and content verification discussion

Clone project repo

- <https://github.com/ondrabus/react-summit-2022-workshop>

Import content into new project

- Kontent-workshop-import-package.zip
- Project ID
- Content Management API key

Generate TypeScript models

- Install Kontent Model Generator
<https://github.com/Kentico/kontent-model-generator-js>
- Add script to package.json
`kontent-generate -projectId=***`

Fetch content in Next.js

- Adjust components to use strong models for content
- Create code file for Landing Page
 - `getStaticPaths`
 - `getStaticProps`

Resolve RT fields into React components

- Use RichTextElement from <https://github.com/Simply007/kontent-react-components>
- Switch linked item type and return the right React Component

Deployment pipelines

- Avoid unexpected content model changes
- Keep in sync committed models and freshly generated models
<https://kontent.ai/blog/avoid-production-errors-after-unexpected-content-model-changes/>



Talk to me

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