

# Nouméa TownHall

## About Nouméa TownHall

[Nouméa TownHall](#) is a public organization that provides free services for citizens in New Caledonia. It manages data including birth, death, civil actions, elections and passports.

## ZK x Permis de Construire

The project is designed for agents in *Nouméa TownHall* as a free service. The application – Permis de Construire (PdC) simplifies the delivery of licenses to build houses, making the complex process easier and more efficient. It was first released for production in 2013, and more features are added to the application as time goes by.

*“With ZK we can do everything on the Java side, easy to code and debug”*

## Architecture

The project was built with ZK, Maven, Spring, Hibernate, Travis, Versioneye, Postgresql 9.x, Tomcat 7.x, CentOS and docx4j. Open source components were used all the time.

## Why ZK

Prior to this project, we were using an internally developed framework. After a phase of industrialization (maven, tomcat vs Webpsphere/RAD previously), we had to very quickly switch to a new technology. We needed a solution that allows us to use internal java (vs. js) skills.

With ZK we can do everything on the Java side, easy to code and debug. It was very fast to implement features and it provided a secured front-end as all business logic is on the server side. We especially like ZK for its open source license, high quality of widgets,

The screenshot shows a web application interface titled 'Permis de construire'. It features a sidebar with navigation options like 'Tableau de bord', 'Projets', 'Demandeurs', 'Propriétaires', 'Concepteurs', 'Entreprises', 'Organismes', 'Bâtiments TCA', 'Paramétrage', 'Utilisateurs', 'PQP', 'Zones de PLU', and 'Adresses'. The main content area displays a 'TABLEAU DE BORD' for 'Projets' with a 'CHIEF DE SERVICE' header and a 'SYNTHÈSE' section. The table below summarizes project data for three individuals: DOMBAL Steve, MAUVAN Y Eric, and MEUNIER Michel.

Instructions (4)	Affectés (52)	Incomplets (27)	
DOMBAL Steve (charge : 245)	23 projets 8 simples 22 normaux 2 large	5 projets 4 normaux 1 large	151 136 15
MAUVAN Y Eric (charge : 114)	8 projets 2 simples 6 normaux	1 simple 1 normal	121 48 76 18
MEUNIER Michel	16 projets	8 projets	121

and really well done annotations.

## The Result

People love our application. It greatly saves their time and allows them to manage more cases and deliver building licenses as fast as possible. “We will definitely use ZK in future projects, like how we are using it in the current project.”

*“We especially like ZK for its open source license, high quality of widgets, and really well done annotations.”*

The screenshot displays a web application interface for project management. The top navigation bar includes tabs for 'Tableau de bord', 'Projets', 'Demandeurs', 'Barèmes TCA', 'Propriétaires', 'Utilisateurs', 'Zones de PUD', and 'Adresses'. The current project is identified as 'PROJET 2016 PC 0121'. Below the navigation bar, there are several action buttons: 'Enregistrer', 'Recharger', 'Suppr.', 'Demandeur', 'Propriétaire', 'Instructeur', 'Statut', 'Déposé le', 'Editer', 'Débuter instruction', 'Incomplet', 'Precevable', and 'Afficher'.

The main content area is titled 'Informations générales' and contains the following sections:

- Informations générales:** Includes fields for 'Numéro' (98818 2016 PC 0121), 'Instructeur' (Steeve DOMBAL), 'Taille du projet' (Normal), 'Date de dépôt' (Jun 28, 2016), 'Date limite d'instruction' (Sep 28, 2016), and 'Arrêté d'autorisation'.
- Types de projet:** A list of project types with radio buttons, including 'Standard' (selected), 'ERP', 'Immeuble collectif', 'Hydrocarbure', 'Urbanisme', 'commercial (PS)', 'Exploitation commerciale (NC)', 'Immeuble 3ème ou 4ème famille', 'Résidence à gestion hôtelière', 'ICPE', 'Atteinte écosystème', and 'Défrichement'.
- Informations générales (Project Details):**
  - Titre du projet:** CONSTRUCTION DE DEUX VILLAS DUPLEX JUMEELES TYPE F4
  - Nature des travaux:** Construction neuve
  - Détail:** Construction de deux villas jumelées en duplex type F4
  - Info complémentaire:**
  - Dde déroq./adapt. règles urb.:** Terrassement
  - Durée instruction:** 3 mois, majoré: 0 mois 0 jours, Spécifique
  - Concepteur:** SAMAT GAEL, changer
  - Nombre de constructions:** 1, Nombre de tranches
  - Hauteur (m):** 7.91, Nombre de niveaux
- Construction existante:**
  - Construction existante:**
  - N° permis 1:** , Date:
  - N° permis 2:** , Date:
  - Destruction:**
  - Bâtiment inscrit/classe:** référence:
  - Bâtiment patrimonial:** référence:
- Destinations de la construction:**
  - Usage:** Habitation (selected), Hébergement, Bureau, Commerce, Artisanat, Industrie, Exploit. agricole, Activité minière, Entrepôt, Service public / intérêt collectif.
  - SHOB exist. SHOB créée SHON exist. SHON créée:**

Usage	SHOB exist.	SHOB créée	SHON exist.	SHON créée
Habitation	0	290	0	260
Hébergement				
Bureau				
Commerce				
Artisanat				
Industrie				
Exploit. agricole				
Activité minière				
Entrepôt				
Service public / intérêt collectif				
<b>Totaux</b>	<b>0</b>	<b>290</b>	<b>0</b>	<b>260</b>
  - SHOB totale SHON totale:** SHOB totale: 290, SHON totale: 260
- Informations complémentaires:**
  - Emprise au sol (m²):** , **Espace vert (en %):** , **Stationnement:** Nb places existantes: , créées:
  - Coeft. d'emprise au sol:** , **COS du projet:** 0.5, **Résidence/foyer:** pers. âgées, étudiants, sociale, pers. handicapée

### About ZK

ZK is the leading enterprise Java Web framework with more than 1,500,000 downloads. ZK is deployed by a large number of Fortune Global 500 companies, including Barclays, Allianz, Swiss RE, Roche, Deutsche Bank, Sony, Sun Microsystems, and Toyota, providing them with the ability to rapidly create rich Ajax enterprise level applications.

### Contact us

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