

# Django Inicial

Clase 36b

**django**

**CONQUER BLOCKS**

**gettext**

# i18n

## Settings correctos

```
# Internationalization
# https://docs.djangoproject.com/en/5.0/topics/i18n/

TIME_ZONE = "Europe/Madrid"
USE_I18N = True
USE_L10N = True
USE_TZ = True
PREFIX_DEFAULT_LANGUAGE = True

LANGUAGE_CODE = 'es' # Idioma predeterminado
LANGUAGES = [
    ('en', 'English'),
    ('es', 'Español'),
]

LANGUAGE_COOKIE_NAME = 'django_language' # Este es el valor por defecto, lo puedes personalizar si lo necesitas
```



# i18n

## Settings correctos

```
TEMPLATES = [
    {
        "BACKEND": "django.template.backends.django.DjangoTemplates",
        "DIRS": [
            TEMPLATES_DIR,
        ],
        "APP_DIRS": True,
        "OPTIONS": {
            "context_processors": [
                "django.template.context_processors.debug",
                "django.template.context_processors.request",
                "django.contrib.auth.context_processors.auth",
                "django.contrib.messages.context_processors.messages",
                "django.template.context_processors.i18n", # Añadido para disponer de LANGUAGES en las plantillas
                "biblioteca.context_processor.get_current_year_context_processor",
                "biblioteca.context_processor.get_statistics_books",
            ],
        },
    ],
]
```



## Settings correctos

```
MIDDLEWARE = [  
    "django.middleware.security.SecurityMiddleware",  
    "django.contrib.sessions.middleware.SessionMiddleware",  
    "django.middleware.locale.LocaleMiddleware", # Asegúrate de que esté antes de CSRF y después de SessionMiddleware  
    "django.middleware.common.CommonMiddleware",  
    "django.middleware.csrf.CsrfViewMiddleware",  
    "django.contrib.auth.middleware.AuthenticationMiddleware",  
    "django.contrib.messages.middleware.MessageMiddleware",  
    "django.middleware.clickjacking.XFrameOptionsMiddleware",  
    "debug_toolbar.middleware.DebugToolbarMiddleware",  
    "books.custom_middleware.TiempoDeProcesamientoMiddleware"  
]
```

# i18n

## Settings correctos

```
from django.conf.urls.i18n import i18n_patterns
from django.conf import settings

urlpatterns = [
    ... path('i18n/', include('django.conf.urls.i18n')), # Incluir la vista 'set_language'
    ... debug_toolbar_urls()
]

urlpatterns += i18n_patterns(
    ... path("admin/", admin.site.urls),
    ... path("buscar/", search_view, name="search"),
    ... path("", home_view, name="home"),
    ... path('editorial/', include('books.urls.editorial_url', namespace='editorial')),
    ... path('autor/', include('books.urls.autor_url', namespace='autor')),
    ... path('libro/', include('books.urls.libro_url', namespace='libro')),

    ... path("contacta-con-nosotros/", contact_view, name="contacto"),
)

if 'rosetta' in settings.INSTALLED_APPS:
    ... urlpatterns += [
    ...     ... path('rosetta/', include('rosetta.urls'))
    ... ]
```



## ¿Cómo cambiamos de idioma?

```
<form method="post" action="{% url 'set_language' %}">
  {% csrf_token %}
  <select name="language">
    {% get_current_language as LANGUAGE_CODE %}
    {% for lang_code, lang_name in LANGUAGES %}
      <option value="{{ lang_code }}" {% if LANGUAGE_CODE == lang_code %}selected{% endif %}>
        {{ lang_name }} ({{ lang_code }})
      </option>
    {% endfor %}
  </select>
  <input type="hidden" name="next" value="{{ request.path }}" />
  <input type="submit" value="{% trans 'Cambiar' %}">
</form>
```

**◀ Despedida ▶**

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