

URL

1. `manage.py` 실행을 위한 `python manage.py` [명령어]
2. `settings.py` 설정
3. `urls.py` URL
4. `wsgi.py` WSGI 인터페이스

view

- Django에서 request 객체를 받아서 처리하고 response를 반환하는 함수
- `HttpResponse` 객체
- `app`에서 `urlpatterns`에 등록
- `urlpatterns`에서 `urls.py`에 등록

```
from django.contrib import admin
from django.http import HttpResponse
from django.urls import path
## view
def welcome(request):
    return HttpResponse("Welcome to DjangoProject")
urlpatterns = [
    path('admin/', admin.site.urls),
    path('', welcome)
]
```

- `python manage.py runserver`
- `python manage.py startapp` [앱명]

URL

- URL 패턴
- `request.GET.get` 메소드를 사용하여 `http://127.0.0.1:8000/app1?id=3`에서 `id=3`을 가져옴
- `request.GET.get` 메소드를 사용하여 `http://127.0.0.1:8000/app1/<book_name>`에서 `book_name`을 가져옴
- `/app1/<book_name>`에서 `book_name`을 가져옴

```
## app1/views.py
from django.http import HttpResponse
from django.shortcuts import render

def book_id(request):
    id = request.GET.get('id')
    return HttpResponse(f"book_id {id}")

def book_name(request, book_name):
    return HttpResponse(f"book_name {book_name}")

## urls.py
from django.contrib import admin
from django.http import HttpResponse
```

```

from django.urls import path
## app1/views.py
from app1 import views
def welcome(request):
    return HttpResponse("Welcome to DjangoProject")
urlpatterns = [
    path('admin/', admin.site.urls),
    path('', welcome),
    # http://127.0.0.1:8000/app1?id=3
    path('app1/',views.book_id),
    # http://127.0.0.1:8000/app1/1
    path('app1/<book_name>',views.book_name)
]

```

path

- `path(route,view,name=None,kwargs=None)`
 - route: Django URL 路由
 - view: Django 视图函数
 - name: URL 名称

include

- `include(urls,app=urls.py)`

```

# app2/urls.py
from django.urls import path
from . import views
urlpatterns = [
    path('list/', views.movie_list, name='movie_list'),
    path('detail/<int:movie_id>', views.movie_detail, name='movie_detail')
]

# app2/views.py
from django.http import HttpResponse
from django.shortcuts import render

def movie_list(request):
    return HttpResponse('')

def movie_detail(request,movie_id):
    return HttpResponse(f'id={movie_id}')

# urls.py
from django.contrib import admin
from django.http import HttpResponse
from django.urls import path,include
from app1 import views
import app2

```

```
urlpatterns = [
    # app2
    path('app2/', include("app2.urls"))
]
```

□□□□

- □□ reverse □□□□□□□□ url
 - □□□□□□□□□□□□□□ url □□□□□□

```
def welcome(request):
    print(reverse('book_id_search'))
    print(reverse('book_name_search', kwargs={'book_name': 'sanguoyanyi'}))
    return HttpResponse("Welcome to DjangoProject")

urlpatterns = [
    path('admin/', admin.site.urls),
    path('', welcome),
    # http://127.0.0.1:8000/app1?id=3
    path('app1/', views.book_id, name='book_id_search'),
    # http://127.0.0.1:8000/app1/1
    path('app1/<book_name>', views.book_name, name='book_name_search'),
    # app2
    path('app2/', include("app2.urls"))
]
```

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