Hemuppgift - backend - mashup

Denna API är ett enkelt REST API som kombinerar tre bakomliggande API:er som
är MusicBrainz , Wikipedia och Cover Art Archive. Ett klientprogram kan ta informationer
från API:et genom att göra HTTP-fråga till webbtjänsten . API:et tar emot ett
MBID (MusicBrainz Identifier) från Klientprogram
och leverera tillbaka ett resultat bestående av en lista över alla album som artisten släppt och l
änkar till bilder för varje album som hämtas från Cover Art Archive och
en beskrivning av artisten som hämtas från Wikipedia.

Installationssteg

Du kan följa dessa steg för att installera projektet. Du kan sedan bygga och felsöka koden med
VS.NET.

1. **Unzip** mappen
2. **Öppna** Mashup mappen
3. **Dubbelklicka** på MashUp.sln[för att öppna lösningen kräver VS.NET 2017]
4. **Kolla** om projectet finns på Solution Explorer[View->Solution Explorer]
5. **Högerklicka** på projektmappen och klicka på Set as main project
6. **Starta** debugging (tryck på F5, klicka på den gröna pilen eller klicka på Debug / Start Debugging).
7. **Lägg till** detta /api/mashup/<*MBID*> på URL:en för att utföra Http-fråga genom att använda den här URL:en
    MBID kan vara så här 5b11f4ce-a62d-471e-81fc-a69a8278c7da och Url:en ska tillexemple vara
    https://localhost:54261/api/mashup/5b11f4ce-a62d-471e-81fc-a69a8278c7da

Endpoint   MBID

8. **Click** "Enter"
9. Sen API:t svarar ett JSON-svar.

   Ett svar från er tjänst kan se ut något i stil med följande:

```
    {
  "mbid":"5b11f4ce-a62d-471e-81fc-a69a8278c7da",
  "description":"<p><b>Nirvana</b> was an American rock band formed by sin
ger and guitarist Kurt Cobain and bassist Krist Novoselic in Aberdeen, Wash
ington, in 1987. Nirvana went through a succession of drummers, the longest
-
lasting being Dave Grohl, who joined in 1990. Despite releasing only three
full-length studio albums in their seven-
year career, Nirvana has come to be regarded as one of the most influential
 and important alternative bands in history. Though the band dissolved in 1
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994 after the suicide of Cobain, their music maintains a popular following and continues to influence modern rock and roll culture.</p>\n<p>In the late 1980s, Nirvana established itself as part of the Seattle grunge scene, releasing its first album, <i>Bleach</i>, for the independent record label Sub Pop in 1989. They developed a sound that relied on dynamic contrasts, often between quiet verses and loud, heavy choruses. After signing to major label DGC Records, Nirvana found unexpected success with \"Smells Like Teen Spirit\", the first single from the band's second album <i>Nevermind</i> (1991). Nirvana's sudden success widely popularized alternative rock, and Cobain found himself referred to in the media as the \"spokesman of a generation\", with Nirvana considered the \"flagship band\" of Generation X. Nirvana's third studio album, <i>In Utero</i> (1993), released to critical acclaim, featured an abrasive, less mainstream sound and challenged the group's audience.</p>\n<p>Nirvana's active career ended following the death of Cobain in 1994, but various posthumous releases have been issued since, overseen by Novoselic, Grohl, and Cobain's widow Courtney Love. Since its debut, the band has sold over 25 million records in the United States alone, and over 75 million records worldwide, making them one of the best-selling bands of all time. Nirvana was inducted into the Rock and Roll Hall of Fame in 2014, in its first year of eligibility.</p>\n<p></p>",
  "albums":[
    {
      "title":"Incesticide",
      "id":"01cf1391-141b-3c87-8650-45ade6e59070",
      "image":"http://coverartarchive.org/release/726ca690-fe70-4d3f-86b5-f8347f1a1af0/1289818412.jpg"
    },
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      "image":"http://coverartarchive.org/release/00681632-b53b-4aae-89c2-470150f33fe3/1898023189.jpg"
    },
    {
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      "id":"1a0edfef-ed8a-4664-8911-1ee69c39ae26",
      "image":"http://coverartarchive.org/release/dfdacd75-5bac-42ad-9d2c-7e4e5c9130ff/8190257927.jpg"
    },
    {
      "title":"Nevermind",
      "id":"1b022e01-4da6-387b-8658-8678046e4cef",
      "image":"http://coverartarchive.org/release/a146429a-cedc-3ab0-9e41-1aaf5f6cdc2d/3012495605.jpg"
    },
    {
      "title":"In Utero",

        "id":"2a0981fb-9593-3019-864b-ce934d97a16e",
        "image":"http://coverartarchive.org/release/cc8a35fc-ef70-40b5-
b410-c1b5a029a866/1289816045.jpg"
    },
    {
        "title":"It's Better to Burn Out Than to Fade Away…",
        "id":"37b1659c-7560-34cd-8946-d6f3c5c9ad92",
        "image":"http://coverartarchive.org/release/2d54b895-2172-496d-
af50-05183389e3c9/13747352060.jpg"
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8013-3d89a4062085/1895542588.jpg"
    },
    {
        "title":"Outcesticide II: The Needle & The Damage Done",
        "id":"584b7e62-d8b5-378e-986c-dfc78e1fc06e",
        "image":"http://coverartarchive.org/release/26a380df-307a-4649-
be76-e6a451d00a27/1289827444.jpg"
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    },
    {
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        "image":"http://coverartarchive.org/release/4692f1c2-c328-48cc-
953f-2fdc7606f067/1289830285.jpg"
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        "image":"http://coverartarchive.org/release/ecdd8595-2cc8-4668-
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    },
    {

          "title":"Secret Songs: The Unreleased Album",
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b169-4361e4ace865/1895502505.jpg"
      },
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          "title":"Outcesticide: In Memory of Kurt Cobain",
          "id":"9f42e883-12a4-3790-b3c1-0e2982f2d832",
          "image":"http://coverartarchive.org/release/63df3af7-00a1-40ee-
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          "image":"http://coverartarchive.org/release/7b43c443-d8c1-4122-
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      {
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          "image":"http://coverartarchive.org/release/06dc53c9-5ea8-41f9-
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      },
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      },
      {
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          "image":"http://coverartarchive.org/release/fb27268a-b405-4ade-
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      }
   ]
}