



FOURTH STREET BAR & DELI · SAN FRANCISCO

The first APEX meetup

OOW - Oct 2006





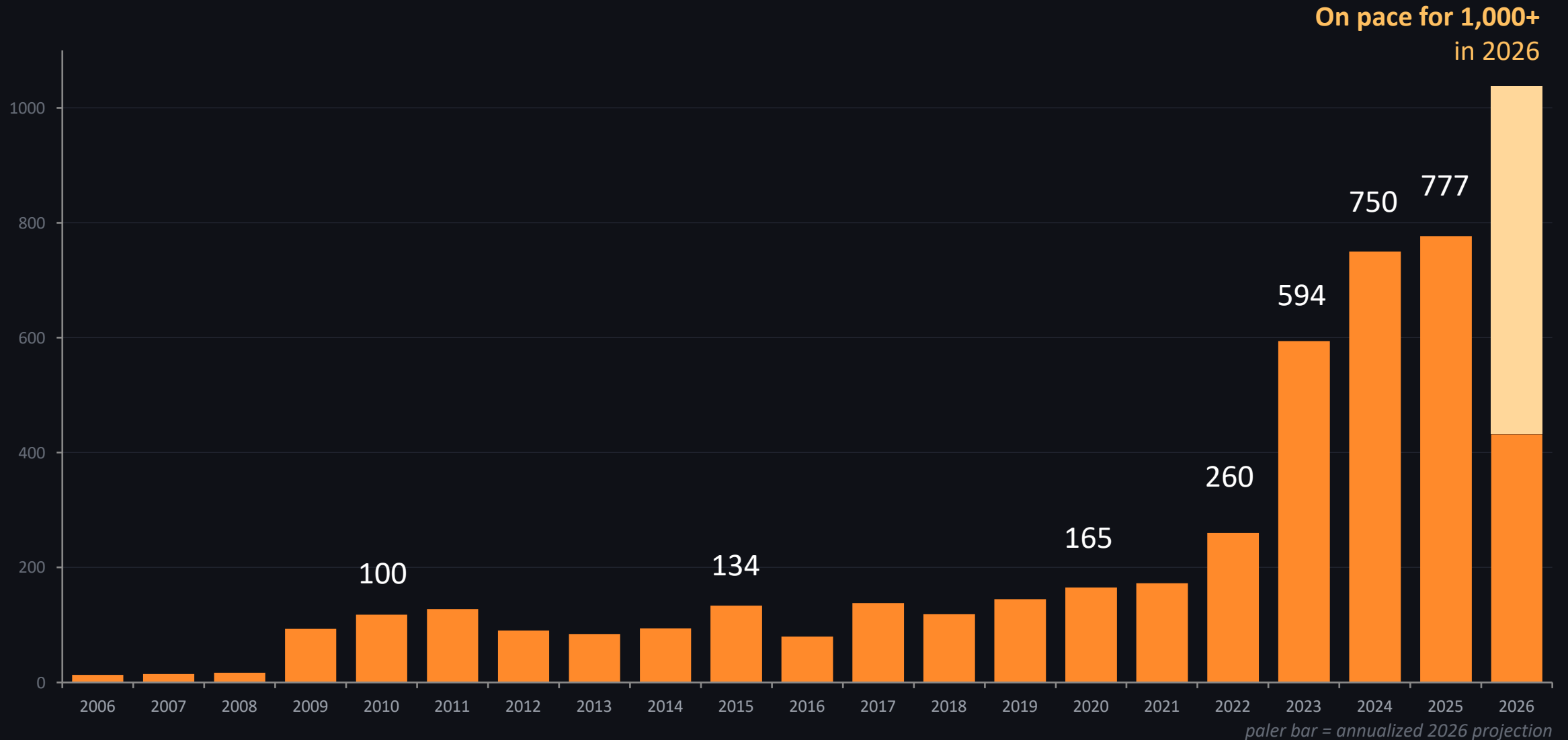


2020

How fast can we ship?

Oracle APEX blog posts per year

Aggregated from the community blog feed · 2006–2026





So why does it feel quiet?

- 1 The originals slowed down.
- 2 We kept watching the old voices.

*It didn't go quiet — **we stopped watching who was carrying it.***



We see you now.

The people who blogged while the rest of us got quieter

- Matt Mulvaney
- Sean Stuber
- Clarisa Maman Orfali
- Jonathan Dixon
- Lisandro Fernigrini
- Rafal Grzegorzczuk
- Philipp Hartenfeller
- Jan Květina
- ...

...and dozens more. Most of them are in this building this week.





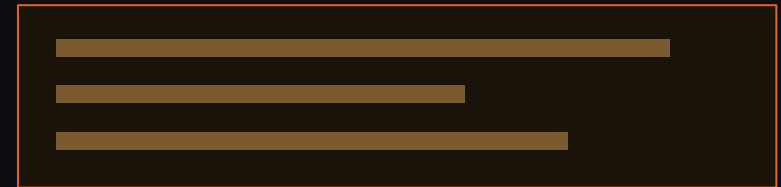
AI doesn't replace developers.
It replaces the **boring parts** of being a
developer.

2010 · HAND-CODING



This was us.

2026 · DIRECTING AI



✓ approve

✗ refine



This is us.



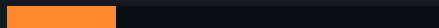
Four phases. One shift.

PHASE 1

you control

Autocomplete

AI helps you type.



PHASE 2

you collaborate

Conversational

AI helps you think.



PHASE 3

you co-build

Integrated

AI works in your code.



PHASE 4

you delegate

Agentic

You delegate; AI executes.



*AI does more of the typing. **You do more of the thinking.***



AI accelerates.

Humans decide.

Data model · Security · Production readiness — still on you.

AI needs structure underneath it.

GENERATED ELSEWHERE

React component

+ REST API

+ Database schema

3 languages · 3 runtimes · wired by hope

ORACLE APEX

Data tables · constraints · relationships

Logic PL/SQL · secure by default

UI components, not code

One engine. Hardened 25 years.

*AI generates metadata the engine runs — **secure, performant, maintainable.***

APEXlang

Your app, as text.

```
application:  
  name: Scoring System  
  auth: row-level-security  
  pages:  
    - id: 1    # dashboard  
    - id: 2    # entry form
```

Export

app → .apx text



Edit · Diff · AI

VS Code · Git · agents



Run

the APEX engine executes



AI

AI **proposes**

AI **builds**

AI **commits**

AI **executes**



YOU

You **approve**

You **validate**

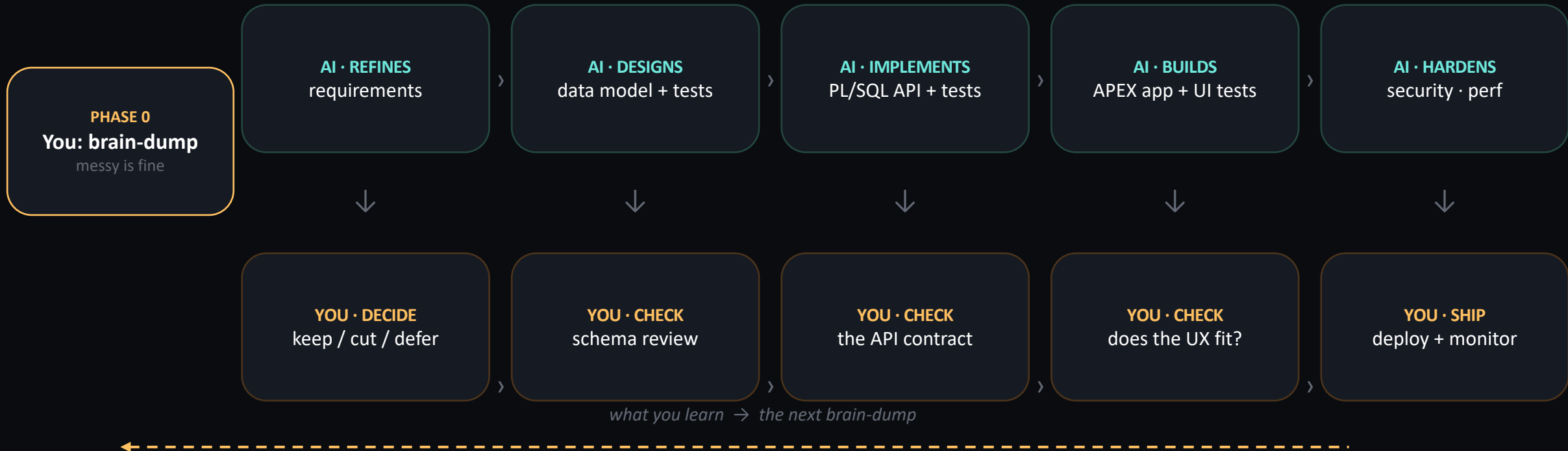
You **deploy**

You **are accountable**

*AI does the typing. **You do the thinking.***

• Every AI step has a **human** after it.

How I actually build now.



AI does the work. You make every call.



I don't prompt it. **I teach it.**

The agent is only as good as what you give it.

TOOLS

How it touches your stack.

SQLcl MCP · APEXlang · dbLint

CONTEXT

What it knows about you.

data model · standards · house style

SKILLS

Your know-how, captured.

scaffold a page · lint · security gate

Then a different model tries to break it — you ship when the tests are green, not when the code looks right.

*The model is the same for everyone. **What you teach it is your edge.***

• I said it in **English**. The agent did it.

Real WC26 app. APEXlang. No wizards.

The screenshot displays an IDE interface for developing an APEX application. The main editor shows the `application.apx` file with the following configuration:

```
1 app WC26 {
2   name: Predict the World Cup 2026
3   version: 26.1.1
4   logo {
5     type: image
6     imageUrl: #APP_FILES#images/wc26_logo.png
7   }
8   navigation {
9     homeUrl: {
10      type: otherApp
11      app: &APP_ALIAS.
12      page: LANDING
13      session: &APP_SESSION_VISIBLE.
14    }
15    loginUrl: {
16      type: otherApp
17      app: &APP_ALIAS.
18      page: LANDING
19      session: &APP_SESSION_VISIBLE.
20    }
21  }
22  navigationMenu {
23    listTemplate: @/side-navigation-menu
24    templateOptions: #DEFAULT#
25    list: @global-menu
26  }
27  navigationBar {
28    list: @user-menu
29    listTemplate: @/navigation-bar
30    templateOptions: #DEFAULT#
31  }
32  userInterface {
33    currentTheme: @universal-theme
```

The right sidebar shows a Claude AI chat window with the task: "Rename app to Predict the ...". The chat history includes the following actions:

- Thought for 0s
- Bash** Find name attribute in application.apx
 - IN `grep -rn "Name" /Users/dgie`
 - OUT (Bash completed with no out)
- Read** application.apx
- Edit** application.apx Modified
- Done. Changed the app name to "Predict the World Cup 2026" in application.apx:2.

The bottom terminal shows the following output:

```
dgielis@Dimi-MBPro16 wc26 % sql -name uc-tst-wc26
SQLcl: Release 26.1 Production on Sat Jun 13 15:23:22 2026

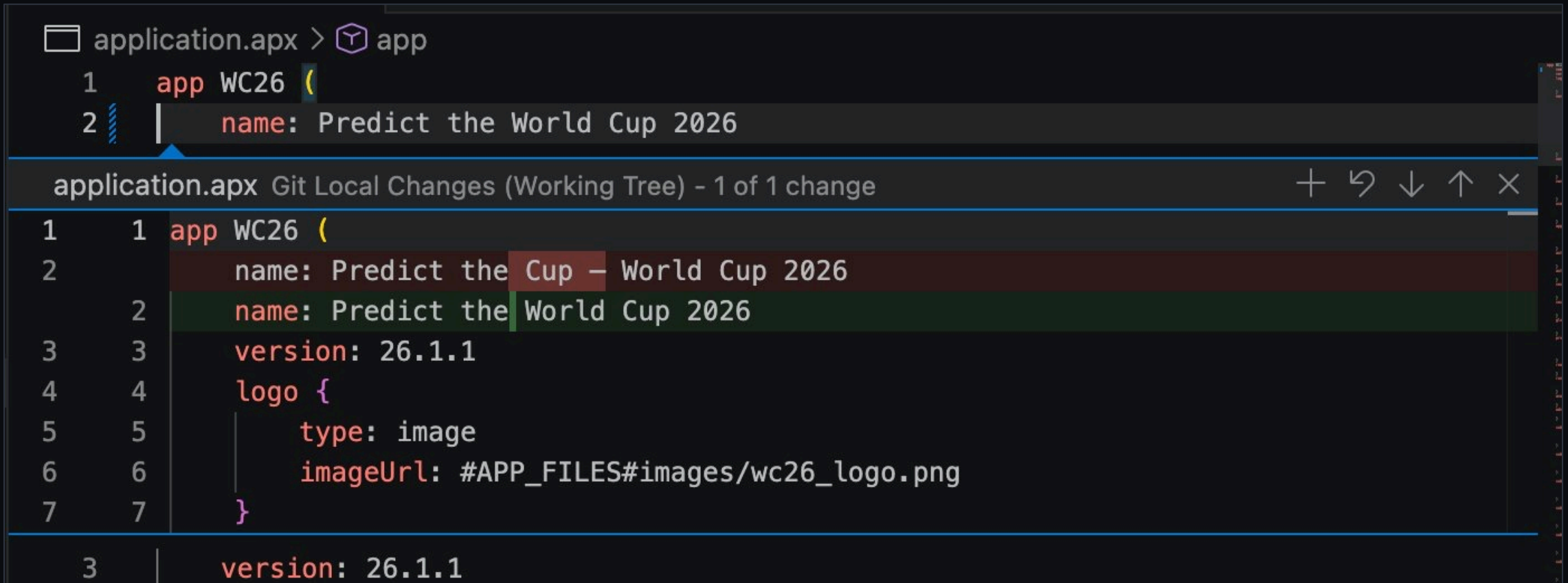
Copyright (c) 1982, 2026, Oracle. All rights reserved.

Connected to:
Oracle Database 19c Enterprise Edition Release 19.0.0.0.0 - Production
Version 19.22.0.0.0

SQL>
```

- **Then I review it. Not every line.**

I judge the change; the tests read the code. Nobody reads a thousand lines.



```
application.apx > app
1  app WC26 (
2  |   name: Predict the World Cup 2026

application.apx Git Local Changes (Working Tree) - 1 of 1 change
1  1  app WC26 (
2  2  |   name: Predict the Cup - World Cup 2026
   2  |   name: Predict the World Cup 2026
3  3  |   version: 26.1.1
4  4  |   logo {
5  5  |     type: image
6  6  |     imageUrl: #APP_FILES#images/wc26_logo.png
7  7  |   }

3  |   version: 26.1.1
```

• And I **commit** it - like any code.

APEXlang is text. Git doesn't care an AI wrote it.

Current Repository
worldcup

Current Branch
kevin

Fetch origin
Last fetched 1 minute ago

Changes 1

History

Select Branch to Compare...

Kevin Coorens, Claude Opus 4.7 • 14 days ago

Add My Picks score-sheet page
Kevin Coorens, Claude Opus 4.7 • 14 days ago

Rebuild Predict the Scores onto the new design system
Kevin Coorens, Claude Opus 4.7 • 14 days ago

Fixes + nav refinements across pages and design system
Kevin Coorens, Claude Opus 4.7 • 15 days ago

Redesign Your Groups page onto the design system
Kevin Coorens, Claude Opus 4.7 • 15 days ago

Add api-football integration + admin controls
Kevin Coorens, Claude Opus 4.7 • 15 days ago

Add project docs and React mockup reference for the redesi...
Kevin Coorens, Claude Opus 4.7 • 15 days ago

Rebuild pages onto the new design system
Kevin Coorens, Claude Opus 4.7 • 15 days ago

Wire app-level config for new UI (items, lists, processes, OR...
Kevin Coorens • 15 days ago

Add dark glass-morphism design system
Kevin Coorens, Claude Opus 4.7 • 15 days ago

Update p00014-welcome.apx
Dimitri Gielis • 17 days ago

removed comments and bootstrap
Dimitri Gielis • 17 days ago

Add api-football integration + admin controls

DB-side (db/api-football/):
- w14_api_config / w14_api_cache / w14_api_call_log tables
- w14_match denormalised columns: api_fixture_id, api_status_short, api_status_elapsed, api_home_score, api_visit_score, api_last_polled
- w14_api_football_pkg with get setting / set setting / update tracking

Kevin Coorens, Claude Opus 4.7 8f8ba96

+1244 -34

8 changed files

wc26/pages/p00001-home.apx

db/api-football/01_schema.sql

db/api-football/02_package.sql

db/api-football/03_scheduler.sql

db/api-football/README.md

wc26/pages/p00001-home.apx

wc26/pages/p00008-admin.apx

wc26/pages/p00014-welcome.apx

wc26/pages/p00110-landing.apx

@@ -100,23 +100,33 @@ page 1 (
type: sqlQuery
sqlQuery:
``sql
with live_q as (
with src as (
-- Augment w14_match_vw with the api-football status/score
-- columns kept on w14_match by w14_api_football_pkg.
select m.match_id, m.match_date, m.round_name, m.g,
m.home_team_name, m.home_team_image, m.home_score,
m.visit_team_name, m.visit_team_image, m.visit_score,
'live' as status
mt.api_status_short, mt.api_status_elapsed,
mt.api_home_score, mt.api_visit_score
from w14_match_vw m
where m.match_date <= current_date
and m.home_score is not null
and m.match_date >= current_date - 2/24
left join w14_match mt on mt.id = m.match_id
)
live_q as (
-- A match is live if the API tells us so. Falls back to
-- the old time-math window when api_status_short is null



› The new programming language is
English.

Describe precisely. Judge the output.



AI won't replace you.

**But someone
using it might.**





THE APEX DEVELOPER
REINVENTED