

□ Countdown-Widget (ioBroker VIS + MagicMirror)

Dieses Widget zeigt automatisch die zwei nächsten anstehenden Countdowns an (z. B. Weihnachten, Silvester, Urlaub, Touren usw.).

Abgelaufene Countdowns werden automatisch ausgeblendet.

△ WICHTIGE HINWEISE (bitte lesen!)

JEDER Countdown muss im versteckten Subscribe-Block stehen

KEINE Einzeiler mit { ... } im JavaScript

Kein Array / kein Objekt-Literal

Code-Formatierung NICHT verändern

Sonst erscheint:

SyntaxError: Unexpected token 'null'

□ 1. Subscribe-Block (Pflicht!)

Hier meldet VIS alle benötigten Datenpunkte an.

```
{countdown.0.countdowns.Weihnachten.fullJson}  
{countdown.0.countdowns.Silvester.fullJson}  
{countdown.0.countdowns.SommerurlaubItalien.fullJson}
```

□ Für jeden neuen Countdown MUSS hier eine Zeile ergänzt werden!

□ 2. Anzeige-HTML (2 Slots)

```
<div id="cd_text_xmas" style="font-size:28px;font-weight:700;line-height:1.15;">  
  Lade...  
</div>
```

```
<div style="height:18px;"></div>
```

```
<div id="cd_text_ny" style="font-size:28px;font-weight:700;line-height:1.15;">  
  Lade...  
</div>
```

Die IDs bleiben absichtlich so – sie sind MagicMirror-erprobt.

□ 3. JavaScript – Finale Version

△ NICHT kürzen, NICHT umformatieren

```
<script>
(function ()
{
  /* =====
  KONFIGURATION – HIER ERWEITERN
  ===== */

  const OID_1 = "countdown.0.countdowns.Weihnachten.fullJson";
  const OID_2 = "countdown.0.countdowns.Silvester.fullJson";
  const OID_3 = "countdown.0.countdowns.SommerurlaubItalien.fullJson";

  const EMPTY_TEXT = "...";

  /* =====
  HILFSFUNKTIONEN
  ===== */

  function safeNum(x, fallback)
  {
    const n = Number(x);
    if (Number.isFinite(n)) return n;
    return fallback;
  }

  function parseFullJson(val)
  {
    if (val === null || val === undefined || val === "") return null;

    try
    {
      let t = val;

      if (typeof t === "string")
      {
        t = t.trim();
        if (t.startsWith('"') && t.endsWith('"')) t = JSON.parse(t);
        return JSON.parse(t);
      }

      return t;
    }
    catch (e)
    {
      return null;
    }
  }

  function subline(s)
  {
    return "<br><span style='font-size:18px;font-
```

```
weight:400;opacity:.85'>(noch " + s + ")</span>";
}

function dayWord(n)
{
  if (n === 1) return "Tag";
  return "Tagen";
}

function hourWord(n)
{
  if (n === 1) return "Stunde";
  return "Stunden";
}

/* =====
RESTZEIT
===== */

function remainingSeconds(val)
{
  const d = parseFullJson(val);
  if (!d) return 999999999;

  if (d.total && d.total.seconds !== undefined)
  {
    return safeNum(d.total.seconds, 999999999);
  }

  const days = safeNum((d.total && d.total.days !== undefined) ?
d.total.days : d.days, 0);
  const hours = safeNum((d.total && d.total.hours !== undefined) ?
d.total.hours : d.hours, 0);
  const mins = safeNum((d.total && d.total.minutes !== undefined) ?
d.total.minutes : d.minutes, 0);
  const secs = safeNum((d.total && d.total.seconds !== undefined) ?
d.total.seconds : d.seconds, 0);

  return (days * 86400) + (hours * 3600) + (mins * 60) + secs;
}

function isExpired(val)
{
  return remainingSeconds(val) <= 0;
}

/* =====
RENDER-FUNKTIONEN
===== */

function renderWeihnachten(val)
```

```
{
  const data = parseFullJson(val);
  const now = new Date();

  if (now.getMonth() === 11 && now.getDate() >= 24 && now.getDate() <= 26)
  {
    return "🎄 Frohe Weihnachten 🎄<br><span style='font-size:26px;'>🎄🎄</span>";
  }

  if (!data) return EMPTY_TEXT;

  const days = safeNum(data.total.days, 0);
  const hours = safeNum(data.total.hours, 0);

  return "🎄 Weihnachten in " + days + " " + dayWord(days) +
    " und " + hours + " " + hourWord(hours);
}

function renderSilvester(val)
{
  const data = parseFullJson(val);
  const now = new Date();

  if (now.getMonth() === 11 && now.getDate() === 31)
  {
    return "🎄 Silvester heute";
  }

  if (!data) return EMPTY_TEXT;

  const days = safeNum(data.total.days, 0);
  const hours = safeNum(data.total.hours, 0);

  return "🎄 Silvester in " + days + " " + dayWord(days) +
    " und " + hours + " " + hourWord(hours);
}

function renderGeneric(val, title, emoji)
{
  const data = parseFullJson(val);
  if (!data) return EMPTY_TEXT;

  const days = safeNum(data.total.days, 0);
  const hours = safeNum(data.total.hours, 0);

  return emoji + " " + title + " in " + days + " " + dayWord(days) +
    " und " + hours + " " + hourWord(hours);
}
```

```
/* =====  
EVENTS (KONFIGURIERBAR)  
===== */  
  
const E1_OID = OID_1;  
const E2_OID = OID_2;  
const E3_OID = OID_3;  
  
function renderEvent(i, val)  
{  
  if (i === 1) return renderWeihnachten(val);  
  if (i === 2) return renderSilvester(val);  
  if (i === 3) return renderGeneric(val, "Sommerurlaub Italien", "*□□□");  
  return EMPTY_TEXT;  
}  
  
function pickTwo()  
{  
  let b1 = -1;  
  let b2 = -1;  
  let r1 = 999999999;  
  let r2 = 999999999;  
  
  let r;  
  
  r = remainingSeconds(vis.states.attr(E1_OID + ".val"));  
  if (!isExpired(vis.states.attr(E1_OID + ".val"))) && r < r1  
  {  
    r2 = r1; b2 = b1;  
    r1 = r;  b1 = 1;  
  }  
  
  r = remainingSeconds(vis.states.attr(E2_OID + ".val"));  
  if (!isExpired(vis.states.attr(E2_OID + ".val"))) && r < r1  
  {  
    r2 = r1; b2 = b1;  
    r1 = r;  b1 = 2;  
  }  
  
  r = remainingSeconds(vis.states.attr(E3_OID + ".val"));  
  if (!isExpired(vis.states.attr(E3_OID + ".val"))) && r < r2  
  {  
    b2 = 3;  
  }  
  
  return String(b1) + "|" + String(b2);  
}  
  
function start()  
{  
  const el1 = document.getElementById("cd_text_xmas");
```

```
const el2 = document.getElementById("cd_text_ny");

function update()
{
  const p = pickTwo().split("|");

  const v1 = vis.states.attr((p[0] === "1" ? E1_OID : p[0] === "2" ?
E2_OID : E3_OID) + ".val");
  const v2 = vis.states.attr((p[1] === "1" ? E1_OID : p[1] === "2" ?
E2_OID : E3_OID) + ".val");

  el1.innerHTML = renderEvent(Number(p[0]), v1);
  el2.innerHTML = renderEvent(Number(p[1]), v2);
}

vis.states.bind(E1_OID + ".val", update);
vis.states.bind(E2_OID + ".val", update);
vis.states.bind(E3_OID + ".val", update);

update();
}

if (document.readyState === "complete")
{
  start();
}
else
{
  window.addEventListener("load", start);
}

})();
</script>
```

- Neuen Countdown hinzufügen (Checkliste) Beispiel: countdown.0.countdowns.Herbsturlaub.fulljson
 - Schritt 1 - Subscribe-Block {countdown.0.countdowns.Herbsturlaub.fulljson}
 - Schritt 2 - OID definieren const OID_4 = „countdown.0.countdowns.Herbsturlaub.fulljson“;
 - Schritt 3 - Renderfunktion ergänzen if (i === 4) return renderGeneric(val, „Herbsturlaub“, „□□“);
 - Schritt 4 - remainingSeconds / pickTwo erweitern
- (analog zu Event 3)

From:

<https://wiki.mahlen.eu/> - **Smart-Home Wiki**

Permanent link:

https://wiki.mahlen.eu/doku.php?id=iobroker:countdown_script_fuer_vis1&rev=1767691390

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