

□ 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**

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https://wiki.mahlen.eu/doku.php?id=iobroker:countdown_script_fuer_vis1&rev=1767691318

Last update: **06.01.2026**

