A weakly amenable commutative Banach algebra which is not amenable.

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$l^p, 1 \leq p < \infty$, is closed linear span of its idempotents $\zeta_n(k) = \delta_{nk}, n, k \in \mathcal{N}$. Suppose that e is an idempotent of l^p, X is a symmetric Banach l^p-module , and $D : A \longrightarrow X$ is a continuous derivation. Then $De = D(e^2) = 2eD(e)$ and so $De = (De - 2eDe) - 2e(De - 2eDe) = 0$. It follows that $D = 0$. So that l^p is weakly amenable. But $l^p, 1 \leq p < \infty$ has no bounded approximate identity (see ba41.dvi in the case $p = 2$), so that A is not amenable (cf. [B.E. Johnson, Cohomology in Banach algebras, Mem. Amer. Math. Soc. 127 (1972)]).