Density zero subsets of the Baire space.

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A density zero slalom is a sequence $\langle S_n\rangle_{n\in\omega}$ of density zero subsets of ω. A set $X\subseteq\omega^\omega$ has density zero if there is a density zero slalom $\langle S_n\rangle_{n\in\omega}$ such that for each $\langle x_n\rangle_{n\in\omega}\in X$ for all but finitely many $n\in\omega$ we have $x_n\in S_n$. I will discuss properties of the σ-ideal generated by such sets.